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# SEED ANNUAL



898



NEW UPRIGHT TOMATO LIVINGSTON'S YELLOW PRINCE.

A.W. LIVINGSTON'S SONS,  
COLUMBUS, OHIO.

THE NEW NICK OHMER STRAWBERRY FOR 1898.

LIVINGSTON'S

A MOST  
DELICIOUS  
VEGETABLE

MAMMOTH

PURPLE

EGG PLANT

SEE PAGE 32.



# GREETING FOR 1898.

WE take pleasure in presenting to you our Annual for the New Year, and under the various departments will be found carefully written descriptions and illustrations of the products of our famed TRUE BLUE Flower, Vegetable and Farm Seeds, Flowering Bulbs and Plants, Seed Potatoes, &c., &c. Earnest effort on our part, and patronage on yours, has again brought us to the close of another successful season, and we look forward to the season of 1898 with brighter prospects than ever before.

In the almost two score years and ten of our business as Seed Growers and Specialists, we have gathered a large amount of information and experience valuable to our patrons, which we are willing and anxious at all times to impart to them, (not only in the general condensed form that we are compelled to adopt on account of space in this annual,) but also by letter on application to meet special cases which cannot be treated in a general way. In sending you our Annual, we will anticipate your valued orders, and, whether large or small, shall receive our careful attention, or if you are not interested further in our business than to hand this book to a neighbor, we will consider it a personal favor.

## FOR CUSTOMERS

We will order anything in Seeds offered by other seedsmen, even if only one packet is wanted; simply remit us the price named in their Retail Catalogue and state in whose catalogue it was quoted. Frequently we have in store some stocks of nearly all good things offered by others, and can fill orders promptly.

With best wishes for a happy and prosperous New Year,  
We remain,

Yours truly,  
**A. W. LIVINGSTON'S SONS,**

114 N. High Street, COLUMBUS, OHIO.

## A CORDIAL INVITATION.

We cordially invite anyone interested to visit our SEED STORES, TRIAL GROUNDS and TOMATO FARMS. (any day except Sabbath, and see for themselves how we conduct our business. It may help you, and we know it will encourage us, as we believe our interests are mutual.

## BY OBSERVING THE FOLLOWING.

**MISTAKES AND MISUNDERSTANDINGS WILL BE AVOIDED.**

## Important to Buyers.

### COLUMBUS

Is a city of over 125,000 inhabitants, is very centrally located geographically, has 16 Railroads, 5 different Express Companies, Telegraph and Telephone wires in all directions, which afford us unequalled facilities for receiving orders, shipping and procuring lowest rates to all parts of the country; besides you have the assurance of getting your order in the quickest possible time.

Within twenty-four hours' time we can reach two-thirds of the population of the United States.

### ALWAYS USE

THE ORDER SHEET and Envelope sent with the Catalogue, when possible. Write plainly, keep a copy of your order, and be sure to sign your Name, Post-office, County and State every time you write to us. We will furnish extra Envelopes and Order Sheets on application.

### HOW TO SEND MONEY.

Cash Should always accompany the order. Remittances may be made at our risk by any of the following methods: (1st and best)—Post-Office Order; (2d)—Draft on New York; (3d)—Express Co.'s Money Order; (4th)—Cash by Express in amounts not less than \$5.00; (5th)—Registered Letters. When money cannot be sent by either of the first four methods it may be enclosed in a Registered Letter. The rates charged for Post-office Orders and Express Money Orders are now so low that this is the best way to remit where they can be obtained. We will bear the expenses of sending money in either of the above ways.

### NO GOODS SENT C. O. D.

Unless cash to the amount of one-fourth the order accompanies the same.

### SEEDS BY MAIL.

Sending seeds by mail is a very important branch of our business, and we are prepared to fill orders promptly and correctly the day they are received in nearly all cases.

### OUR PRICES.

In comparing our mail prices, especially on heavy seeds, such as Peas, Beans and Corn by the quart and pint, and other seeds by the pound and one-fourth pound, BEAR IN MIND that we pay the postage, unless otherwise noted. Remember another thing—packets of heavy seeds, like Peas, Beans, etc., quoted by some seedsmen at 5 cents per packet, *postpaid*, contain but a small amount of seed, after allowing for the 2 or 3 cents postage that it requires to mail each packet. Preferring to please customers rather than disappoint them we put up liberal 10 cent packets of such seeds.

### ORDER EARLY.

It is important to order as soon after you get the Catalogue as convenient, then you will have your seeds at hand and for planting when you want them; besides, if you want seeds in large quantities, they can be sent by freight very much cheaper than by express. Small orders, however, can often be sent by express as cheaply. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in the matter.

### LARGE ORDERS.

Any Dealer, Market Gardener, Institution, or any individual wishing seeds in large quantities, are requested to mail us a list of what they want and we will promptly return it to you with the very lowest prices marked. A letter of inquiry may save you dollars if you want to buy in quantity.

### SMALL ORDERS.

If you only want a single packet, do not hesitate to send for it. We take as much pains to fill small orders promptly and correctly as we do large ones.

### WE URGE

Customers to inform us promptly on the arrival of their orders if not in good condition, well packed and filled exactly as ordered; also to report, after growth, otherwise than what customers, and mail orders receive the same attention customers do over our counters.

### BE FREE

To write us for any information not found in this Catalogue, on a separate sheet of paper from your order, as your letter goes to the general office and your order to the mail or other department.

### OUR SEED ANNUAL.

Please show this Seed Annual to your friends, and if you should receive an extra copy be kind enough to hand it to some neighbor interested in seeds, who will be glad to get it. We will be glad to send a copy free to any of your friends in this or any other country likely to want seeds. In return we will ask you to speak a good word for us to your friends and neighbors. An order this season, no matter how small, secures our Catalogue for next as soon as issued.

### CHANGE OF ADDRESS.

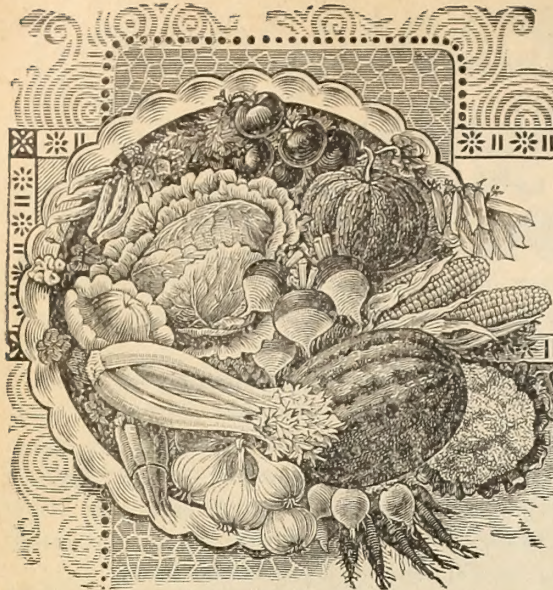
If you have changed, or intend to change your address, please let us know, and we will change it on our books, so that you will receive our Seed Annual, without application, at your new P. O.

### GUARANTEE.

Complaints made that seeds are not good, should quite as often be attributed to other causes as to the quality of the seeds. There are contingencies continually arising to prevent the very best seeds always giving satisfaction, such as sowing too deep, too shallow, in too wet or too dry soil; insects of all descriptions destroying the plants as soon as, or before, they appear; wet weather, cold weather, frosts, chemical changes in the seeds induced by temperature, etc. For all these reasons it is impossible to guarantee seeds under all circumstances, and, while we exercise the greatest care to have all seeds pure and reliable, we do not give any warranty, expressed or implied. If the purchaser does not accept the seeds on these terms and conditions they must be returned at once and the money that has been paid for the same will be returned. We test our seeds before sending out, and should they fail to grow when properly tested by the customer we will replace the same amount or give value in others. We cannot afford, knowingly, to send out seeds doubtful as to vitality or purity, and you can get no better stocks of any seedsmen, even though he deceitfully professes to warrant seeds, which frequently covers nothing but the amount paid for the seed. If you do not think so inquire into the extent of the warranty and you will ascertain that your warrants are not crop protection. A guarantee from an irresponsible seedsmen is of no value whatever.

# A. W. Livingston's Sons

## Novelties and Specialties IN Vegetables and Flowers.



city, are put is the thorough testing of all new things as soon as offered. We are always pleased to receive samples of any New, Rare or Superior Seeds, Potatoes, etc., that our customers may send us for trial.

**N**OVELTIES are usually the most interesting to customers, no matter how many favorites they may have among the many standard varieties. It is our aim to offer in this department nothing but varieties of real merit and value, and such as are highly endorsed by leading specialists, farmers and growers throughout the country, hence, customers are seldom disappointed in any Novelty we offer. One of the uses to which our Trial Gardens, near this

### EXTRAS

As has been our custom for many years past we have again put up for sending out **WITH ORDERS** from customers, **FREE OF CHARGE**, for trial, many thousands of packets of New and Rare Flower and Vegetable Seeds, and expect to keep up this habit as long as reports from the same are as satisfactory as they have been.

LIVINGSTON'S

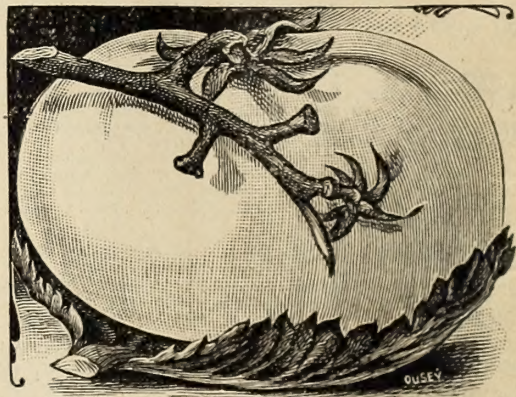
## New Tomato for 1898, Yellow Prince.

The Plant shown on first page of Cover was reproduced from a Photograph and is a very good representation.

This elegant new Tomato completes the list of "Up-right," "Tree" or "Dwarf" growing sorts—Dwarf Champion in purples, Livingston's Aristocrat in reds, and the **New Yellow Prince** in yellows. Its rank and sturdy, but compact, growth makes it very interesting to cultivate, and this, together with its beauty and usefulness, will delight every lover of a good garden. On account of its manner of growth, it is also very economical of space, a dozen plants occupying only two yards square. It is as **early** as the Dwarf Champion. The texture is solid, but not mealy, and the flavor is sprightly and pleasant—in this respect differing from other yellow sorts, which are mostly deficient in flavor. In large size, and beauty of form, it compares favorably with Livingston's Golden Queen, which now stands easily at the head of all varieties of its class.

When sliced with red or purple sorts it is highly ornamental as well as most pleasant to the taste. It cannot fail to become a prime favorite in every private garden, and will also suit most market growers better than existing sorts. **Sold this season in packets only.**

**PRICE OF EXTRA SELECT SEED—Packet, 10c.; 3 Packets for 25c., postpaid.**



#### NEVER HAD BETTER.

O. H. FRANBERGER, Madison Co., Ind. "Your seeds have given highest satisfaction. Never had better."

#### BEST THAT CAN BE HAD.

MRS. E. RATH, Tuscola Co., Mich. "I have grown your seeds for a number of years. They are the best that can be had."

#### USED FOR NINE YEARS.

REV. E. L. CARSON, Fayette Co., Ill. "I have used your seeds for nine years; they give satisfaction."

#### TIME AFTER TIME.

MERTIE L. BROWNING, York Co., Pa. "I have received your seeds time after time, and find no better."

# Livingston's Honor Bright Tomato.

Introduced by us  
in 1897.

## ••• A New Bright Red Variety •••

Which first appeared in the form of a single "sport" plant in a large field of Livingston's Stone Tomato in 1894.

Nothing like it ever  
offered before.

### ••••• ITS CHIEF PECULIARITIES •••••

Are its **Solidity, Long-Keeping Qualities** after being **Picked**, and the remarkable **Changes of Color** the fruit undergoes during growing and ripening. These changes of color provide an easily learned guide to the proper time of picking for long distance shipping. For home market it is picked just as any other sort.

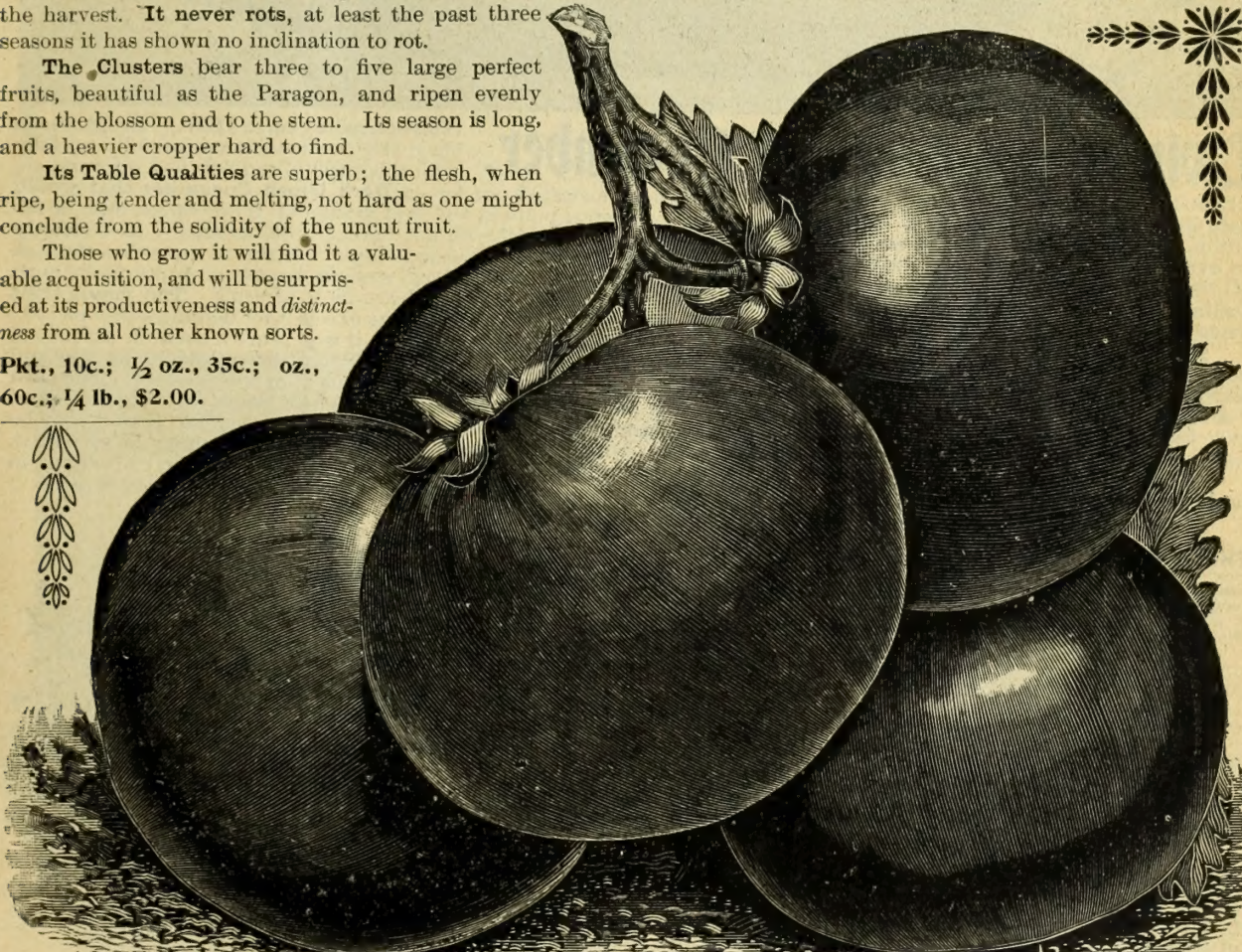
The **Color of the Fruit, when Fully Ripe, is a Rich, Bright Red**, but before reaching this stage it undergoes several interesting changes. First it is **Light Green**, then an attractive **Waxy White**, then **Lemon**, changing to a **Rich Red**. One of the most attractive and handsome varieties grown, and well adapted for home use or market, and on account of its solidity and long-keeping qualities, it is especially recommended for shipping. It can be shipped in barrels, like apples, if picked in the early stage of ripening, and will keep from one to four weeks if stored in a cool place. The skin seems to be crack-proof, as, the past season, we had two crops—one on rich, highly manured upland, the other on rich river bottom land—and not a single tomato was found with a skin-crack, even after the exceedingly heavy rains during the harvest. **It never rots**, at least the past three seasons it has shown no inclination to rot.

The **Clusters** bear three to five large perfect fruits, beautiful as the Paragon, and ripen evenly from the blossom end to the stem. Its season is long, and a heavier cropper hard to find.

Its **Table Qualities** are superb; the flesh, when ripe, being tender and melting, not hard as one might conclude from the solidity of the uncut fruit.

Those who grow it will find it a valuable acquisition, and will be surprised at its productiveness and *distinctness* from all other known sorts.

**Pkt., 10c.; 1/2 oz., 35c.; oz., 60c.; 1/4 lb., \$2.00.**

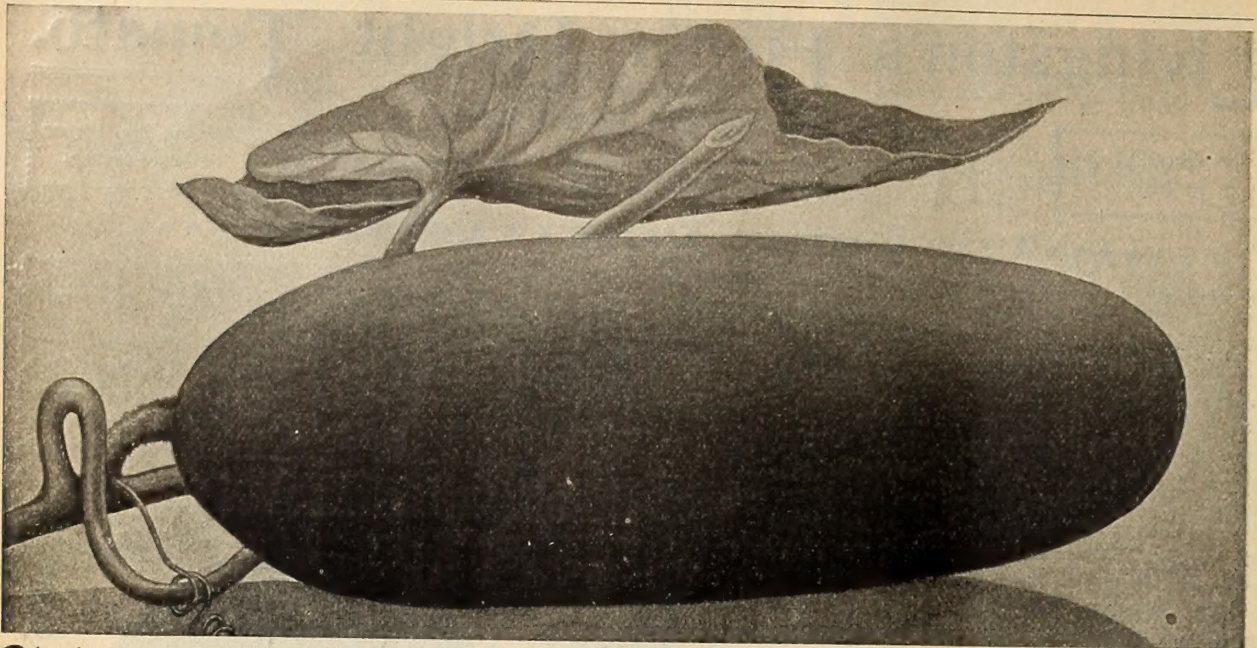


LIVINGSTON'S HONOR BRIGHT TOMATO.

### ••• DECIDEDLY DISTINCT FROM ALL OTHER VARIETIES •••

MRS. ALFRED THOMAS, Kalamazoo Co., Mich. "I wish to express my very great satisfaction with the **Honor Bright Tomato** sent out by you this spring. In the twenty-five years of my experience in raising tomatoes I have not met its peer for equal size, solidity, fine flavor and productiveness. The color sells it at sight."

JOHN H. ARNDT, Baltimore Co., Md. "**Honor Bright Tomatoes** are the finest I have ever grown. They are solid, of good size and do not burst like other tomatoes do. They bear full and keep their size better than any I ever grew, can be kept at least a week when full ripe, and if put in a cool place could be kept two or three times as long."



## Livingston's Emerald Cucumber.

(Introduced by us in 1897.) Every season since 1889 we have been carefully working with this variety, and now feel amply repaid for the labor expended, having succeeded in producing what we started out for—a **Dark Green Cucumber** that would hold its color. **LIVINGSTON'S EMERALD** retains every good point in the best strains of White Spine, and, in addition, possesses that rich, dark green color which has been so long sought for but never before obtained. It is strictly an evergreen, retaining its color until fully ripe. On sight, its distinct dark green and spineless skin attracts the attention of everyone interested. The fruit sets early, and its vigorous vines abound in long, straight, handsome fruits of the most desirable qualities. As a slicer the flesh is peculiarly crisp and tender, and the flavor most pleasing. The young fruit being dark green, straight and slender, makes an excellent pickle, and when ripe none excels it for making sweet pickles.

**FOR FORCING.**—For those who grow under glass, or for long distance shipping, it will prove a boon on account of holding its deep green color so much longer than any of either the Yellow or White Spine sorts; besides its size and uniformity will suit such growers much better than many of the kinds usually recommended for this purpose. The skin—always a handsome green of the darkest shade—when grown under glass is not excelled for beauty in color and form, even by the best English Frame varieties. It is almost entirely free from "warts and spines," so much so that it may be called spineless. As an all purpose table or market variety, whether for gardeners' or farmers' use, it cannot be surpassed.

In consequence of a very short crop, and a large demand which has already set in, we regret that we can offer it in packets only again this season, but the packets will contain more than double the amount of seed they did last season.

**PRICE, postpaid—Packet, 10c.; 3 packets, 25c.; 15 packets for \$1.00.**

**THE OLDEST GARDENER IN CENTRAL NEW YORK** writes: "I sent for a packet of your **Livingston's Emerald Cucumber** last February for a sample, and I find that it is one of the best varieties that I have ever grown in a greenhouse. Its smoothness, evergreen color, and its few seeds, makes it adaptable to our market. I am the oldest Market Gardener and Florist in Central New York, and supply the leading hotels here."—**HENRY BURT, Syracuse, N. Y., June 22, 1897.**

**MR. JOHN GROFF, Jefferson Co., La.,** writes: "The **Emerald Cucumber** has been proven a success on our Louisiana soil. I was rather late with them on the New Orleans market, but still brought 5 cents more per dozen than any other."

**C. H. HAMMEL, Gloucester Co., N. Y.,** "I bought of you last spring two packets of your **Emerald Cucumber** and honor **Bright Tomato** seed, and I think they cannot be beat."

## New Golden Rose Celery, or ...Rose Ribbed Golden Self Blanching.

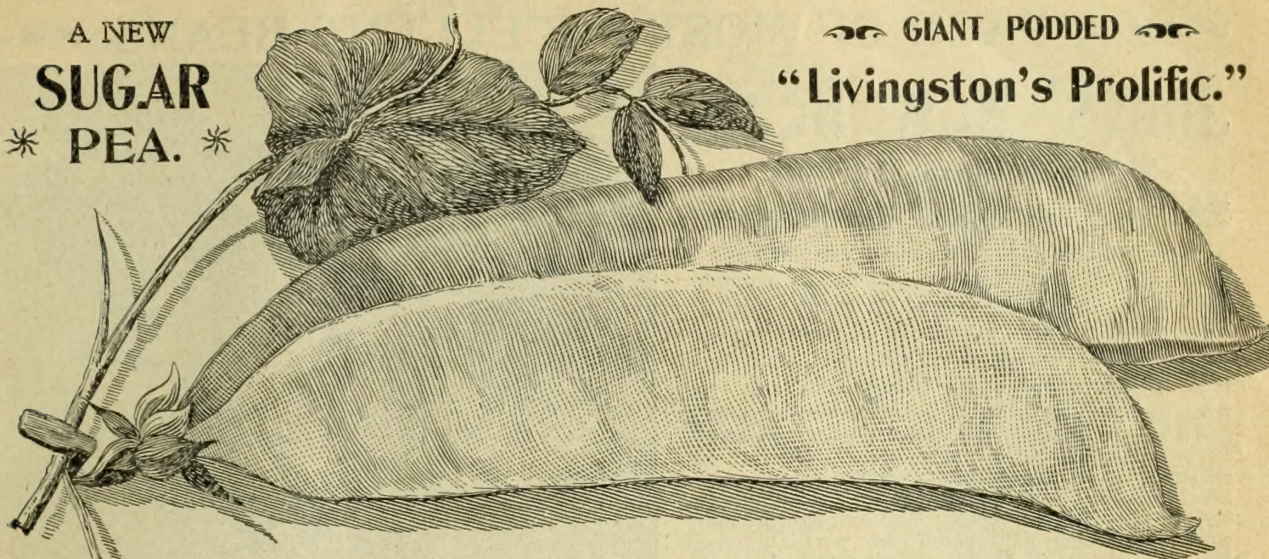
This is one of the new things which is really an acquisition, and a distinct improvement on existing sorts. It is a sport from the Golden Self Blanching, having the same rich golden-yellow color, in the main, which, however, is greatly enhanced in beauty by the delicate rosy hue of the ribs. On account of this combination of color, it is called by some "Rose Ribbed Golden Self Blanching." Nowadays the popular Celery must be beautiful as well as of good quality. As no other sort combines these two attributes so happily, we predict it will create a sensation. In the field it proves to be a strong and healthy grower, and its self-blanching character well fixed. The plant is dwarf and heavy, the stalks are smooth, free from ridges, solid and crisp. Very early, on account of its self-blanching habit, and if hardness and solidity are any indications, it will certainly prove a good keeper. *Equisite flavor; remarkably early; blanches naturally; unequalled in beauty.* **Pkt., 10c.; oz., 50c.; 1/4 lb., \$1.50.**

**CELERY GROWERS,** we wish to call your special attention to this valuable variety. We do not hesitate to give it our personal indorsement. It is one of **GREAT MERIT**, for all who have tried it say so. They who **GET IN LINE** first with it will reap a rich harvest.





A NEW  
**SUGAR**  
\* PEA. \*



GIANT PODDED  
"Livingston's Prolific."

A New and Superior Edible Podded or "Snap" Pea Introduced by us in 1897.

**T**HIS excels by far any other Edible Podded Pea heretofore introduced. In all of our experience we have never seen anything in the line of Sugar Peas that would equal this variety in productiveness and quality. The pods are much larger, broader and more melting than the Melting Sugar, and it is equally as early. The peas, when ripe, are extra large and wrinkled. The pods are very fleshy and equal to the best snap beans for cooking pod and all. The vines average about 36 inches high; when grown without trellis or brushing they are strong and rank. In the spring of 1892 a lady customer of ours in Western Pennsylvania sent us a sample packet of this excellent variety for testing, making the above claims for it. We placed this sample in the hands of one of the best posted pea growers in the country. Read what he has to say after growing it for five years. January 9, 1896, he writes: "We believe this to be an improvement over the Melting Sugar Pea, because of its great productiveness, as well as its fine quality and superior size."

Again he writes, August 6, 1896: "We are pleased to report 12 bushels of Livingston's Mammoth Sugar Peas grown from 58½ pounds of seed sown. We believe you will agree with us that this is an exceptionally fine yield. The fact that it is a bountiful producer ought to bring it rapidly in general favor, especially as an improvement in the yielding qualities is not at the expense of eating quality."

Having tested this variety carefully on our trial grounds, we recommend all our customers to give it a trial. Many persons do not know how delicious and wholesome "Sugar Peas" are; those not familiar with "cooked peas pods and all" will be surprised at the fine quality of a dish of these giant pods when served. They remain a long time both in bearing and fit for table use. Pkt., 10c.; ½ pt., 20c.; pt., 40c.; qt., 75c., postpaid.

**Kinsman Queen Muskmelon.**

"A cross between the 'Emerald Gem' and an old variety of large size and excellent quality, followed by a careful selection for many years of finest early fruit for seed stock. It is first to ripen, being ten days earlier than the earliest Muskmelon we have ever tested. Is very large in size for an early melon. Will average three times as large as the 'Emerald Gem.' Nearly round in shape. Color, yellowish green outside and is slightly ribbed and netted; flesh deep salmon color, and is rich, juicy and delicious. Is reasonably firm and stands shipping fairly well. It is an excessive producer—holds up well throughout the season."

The originator, whose description we give above, is well posted in melons. We have tried this fine variety and found it early, but not ten days earlier than the earliest we have tested, but every one planting a patch of it this season will be pleased. Pkt., 10c.; oz., 20c.; 2 oz., 35c.; ¼ lb., 60c.; lb., \$2.10, postpaid.

A Market Gardener at Bainbridge, Mich., Dec. 19, 1897, writes: "The Kinsman Queen grown by us this season were delicious. Comes among the earliest, and think it will be classed among the very best, especially for home use. It is a little soft for shipping."

A long keeper; quality excellent. The stalks are extra large and extra solid. The quality all that can be desired in brittleness and flavor. Every Celery grower, large or small, should grow it. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; 2 ozs., 40c.; ¼ lb., 75c.; lb., \$2.75.

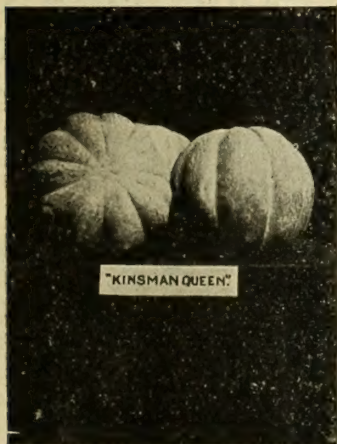
The Triumph Celery you sent me last spring is grand. I never grew a better kind. The stalks are about two feet long and very tender and crisp. Every grower should try it."

**JAPANESE CLIMBING CUCUMBER.**

Vines are extra strong; foliage more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving valuable space in small gardens. It is very prolific, from 40 to 50 cucumbers having been counted on single plants. Fruit cylindrical, about 10 inches long, thick and fine flavor. PRICE, postpaid—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

Alice Gallagher, Scioto Co., Ohio, writes: "The Japanese Climbing Cucumber was a success. Were two weeks earlier than any other kinds I ever raised, and lasted longer."

Mr. John Waggoner, Lincoln Co., Ky., writes: "Your Japanese Cucumber is all that can be desired; it is complete. A good and lasting bearer. Fruits are large and one of the best for table use. Very desirable as a climbing vine, with its fruit out of the chickens' reach. Vines more vigorous than other sorts, with forty and fifty fruits on a plant."



"KINSMAN QUEEN"

\* A NEW CELERY \*  
**"The Triumph."**

WM. BARBER, McKean Co., Pa., writes: "The Triumph Celery you sent me last spring is grand. I never grew a better kind. The stalks are about two feet long and very tender and crisp. Every grower should try it."



NEW  
CLIMBING  
JAPANESE  
CUCUMBER

# A PAGE OF MOST EXCELLENT BEANS.

## Jones' New Bean.

**Stringless Round Pod Wax.**

**White Seeded. Free from Rust. Stringless and Tender.**

Now offered for the first time, is the result of five years' systematic cross-breeding between Yosemite and a white seeded sort. It will, without doubt, become one of the most popular of all our Wax varieties, combining points never before obtained in a true stringless wax pod. It is of true bush type free from any tendency to form runners, of strong growth, with medium tall and compact bushy tops. It has, so far, proved absolutely rust-proof on all soils and in the most unfavorable season. It is nearly a week earlier than any strain of Black Wax; the pods are long, perfectly round and exceptionally solid, of a delicate light yellow color, perfectly stringless at all stages of growth, showing no coarseness even when past their prime. When ripe the seeds are white, medium, round and plump. The first true wax pod variety having qualities adapted to the produce trade. The originator claims that more bushels per acre of green pods can be picked from an acre than from any other wax bean known, and if left to ripen a larger yield of dry beans can be harvested than from the field varieties; also can be planted later in the season with the certainty of a crop. Only offered by the packet. **Packet, 15c.; 2 for 25c.**



PLANT OF JONES' NEW STRINGLESS WAX BEAN.

## POWELL'S PROLIFIC POLE BEAN.

Prof. Powell, of North Carolina, whose name this wonderful new variety bears, says of it: "They are an extraordinary snap bean surpassing anything ever seen in our section—bearing profusely, and continuing until frost; they are very tender and palatable—six hills enough for a family." We have grown this variety for several years and find it a most rampant grower, one plant filling a pole with a mass of vines—densely loaded with luscious beans, fully twice as productive as any other variety in existence. Almost a solid mass of pods from the bottom to top of pole. The handsome green pods average eight or nine beans to the pod, grow very uniform, about six inches long; perfectly stringless, very thick meated, tender, rich and buttery; possess an exquisite flavor when cooked—many calling it, without exception, the very best bean grown. It continues in bearing so long it might well be called "everbearing."

BY MAIL, postpaid—Packet, 10c.; 3 packets, 25c.; pint, 30c.; quart, 50c.  
BY EXPRESS OR FREIGHT—(buyer to pay charges)—Peck, \$2.00; bushel, \$7.00.

## The Royal Corn Bean.

This is a remarkably good Pole bean, which, we believe, is entirely unknown outside of our Columbus market. It is a green podded snap bean, whose pods are produced in large clusters or handfuls; shape long, semi-round; stringless; very tender, and produced in wonderful profusion. The dry seed cannot be distinguished from Dwarf White Kidney or Royal Dwarf. Its strong points with gardeners are as follows:  
1st. It will yield twice as many bushels of string beans from the same ground as any bush kind.  
2d. Growing in clusters, it is just fun to pick them. Takes no time at all to gather a bushel.  
3d. The beans being exactly like Royal Dwarf or White Kidney, can be shelled green for summer market, or left to ripen and sold as "dry beans."  
4th. Specially adapted for growing in Corn, thus economizing space on valuable land, or where poles are scarce.

By Packet only, 10c. each; 3 packets for 25c.

## MAMMOTH PODDED Horticultural Pole Bean.

The old London Horticultural or "Speckled Cranberry" has been considered the very best bean known for use either as green shelled for succotash or for baking, but in this sort we have a bean similar in general character, but better in every way. The mammoth pods are striped and splashed with exceedingly brilliant crimson, and the immense beans are of the best quality.

The Vine is Hardier and More Productive.

The Pod is Larger and More Beautiful.

The Bean is Larger and of Better Quality.

BY MAIL, postpaid—Packet, 10c.; pint, 25c.; quart, 45c.  
BY EXPRESS OR FREIGHT—4 quarts, \$1.00; peck, \$1.50; bushel, \$5.00.

## ROGERS' Lima Wax Beans.

A New Dwarf Bean, and a Most Desirable Acquisition as a Snap Bean.

Named Lima Wax, as it has bright, glossy foliage, and the bloom resembles Dwarf Lima. The pods are the broadest of all wax bush beans; color, transparent glossy lemon wax. Productive, handsome colored, delicious and tender. White seeded, and will make an excellent dry bean for baking, and cannot help but please those who want the best.

PRICE, Postpaid—Packet, 10c.; 3 packets, 25c.; pint, 35c.; quart, 60c.

Try any 3 Beans (one packet each) for 25 cents or the 5 for only 40 cents, postpaid.



## KENDEL'S EARLY Giant Sweet Corn

This Sweet Corn is not placed on the market as a mere novelty—it is more than that—it is an article of real merit, and that gives us pleasure to be able to offer something we believe will come into general use. The ears grow to extra large size, measuring 8 to 10 inches long and having 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender. Gardeners report this corn ready to use in 60 days grown on sand, and 72 days on heavy clay. Dealers and truckers report ready sales and are enthusiastic over its large size and productiveness.

Pkt., 10c.; qt., 25c.; pk., \$1.25; bus., \$4.00.

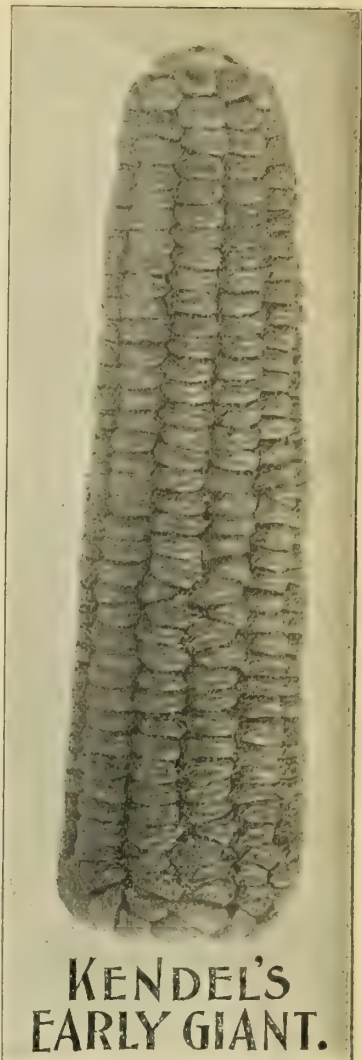
## Zimpfer Parsnip.

LONG WHITE.

The original seed of this variety, like that of very many other good things now commonly cultivated, was brought here by German gardeners from the Fatherland. Mr. Zimpfer, a market gardener, has grown this select strain of seed for many years for his own use only, always selecting the most perfect roots in all points for this purpose, until it is the purest stock and grows the handsomest Long White Parsnip of the many stocks we have ever tested. It is a splendid variety for market, especially where the roots are sold in bunches, being of much more desirable shape than any of the Hollow Crown or Cup varieties. It is sweet, smooth, and very white, and cannot fail to please any marketer. The past season we secured some choice roots from Mr. Zimpfer and grew a small stock of the seed (less than 100 pounds) and offer it, while it lasts, as follows: Price (*post-paid*)—Pkt., 10c.; oz., 20c.; 2 ozs., 30c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.



ZIMPFER PARSNIP.



KENDEL'S  
EARLY GIANT.



New Lettuce,

## “Wonderful.”

The Largest Heading Lettuce we have ever seen, having been grown to six pounds in weight; the average size, however, with ordinary culture, is from two to three pounds.

The heart is very solid, of pale green color, very tender, very crisp, and without the slightest trace of the bitterness found in the majority of lettuces. As an example of its “standing” properties, perfect lettuces were cut from the same bed for upwards of seven weeks during the past hot and dry season. For exhibition purposes and for outdoor growth for marketing this variety stands unrivalled.

Pkt., 10c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.25.



## Crisp-as-Ice Lettuce.

INTRODUCED BY US IN 1895.

A most beautiful and attractive Lettuce of the Cabbage type. The heads are solid, and of immense size when well grown, and so exceedingly tender and brittle as to fully warrant the name, "Crisp-as-Ice." The glossy leaves are thick, nicely crimped and curled; outside they are beautifully variegated with bronze and green. The heads, when cut open, have a rich, creamy-yellow heart; an exceedingly superior family and home market lettuce, but on account of its

extreme tenderness it is unfit for shipping or handling in large bulk. Take our word for it, and try a little sown early in hot-bed, or in a box in the house, for transplanting, then later sow some outside for summer use; in either case, if you wish fine large heads, transplant 12 to 18 inches apart each way, according to richness of the soil. *Postpaid*—Packet, 10c.;  $\frac{1}{2}$  ounce, 15c.; ounce, 25c.,  $\frac{1}{4}$  pound, 60c.; pound, \$2.00.



## New Sugar Corn, Columbus Market.

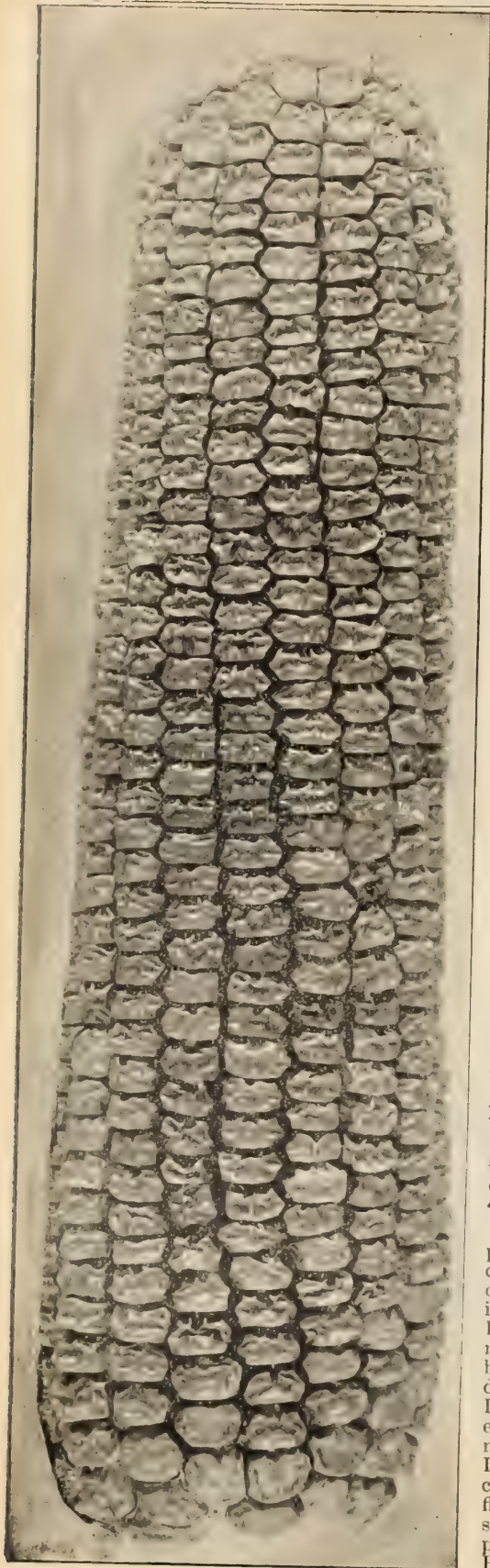
INTRODUCED BY US IN 1896.

Over all the multiplied varieties now offered possesses one great advantage, and that is in its **very large size for such an early sort**. It comes into the market with the second earlies, such as Shaker's Early and Livingston's Evergreen, but is **fully twice as large as either of them**. The photograph alongside shows an ear which, when dry enough to shell, was  $9\frac{1}{2}$  inches long, and yet not an exceptional one. The tips of the ears are often entirely covered over with kernels. The ears average **sixteen rows of fine, large, deep, white and very sweet grains**, which are second to none in tenderness and fine flavor. It is a **very prolific sort. Persistently Evergreen**. The stalk is strong and sturdy, of only medium height—six to seven feet; the leaves broad and dark green color. An excellent succession for Kendel's Early. All customers are surprised at the large size and early maturity.

**PRICE**—*postpaid*—Packet, 10c.; pint, 20c.; quart, 35c. **By Express or Freight**—Four quarts, 50c.; peck, 75c.; bushel, \$2.50.

## NEW . . . . SQUASH, Golden Hubbard.

A sport from that old standard of excellence, the Hubbard; it is a perfect type of its parent, except in color, which is a bright deep orange-yellow, exceedingly showy and attractive. Flesh is deep golden-yellow, much richer color than Hubbard, fine grained, cooks very dry, and of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it excels the old variety. Its superior keeping qualities, combined with its sweet, rich flavor, attractive color and shape, are bound to make it a popular fall and winter variety. **Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.**



A New Melon for 1898.

“Paul Rose”

\* Melon. \*

— THE —

‘Paul Rose’  
MUSKMELON.

A DECIDELLY new and meritorious variety that is bound to please all classes of melon producers. It is a large “Rose Gem,” with deep orange flesh, secured by crossing with the Osage. It is a great producer of extra fine quality melons, and the photo alongside speaks for itself. As early as the Gems and equally as good a shipper. The seed is VERY SCARCE, and can be sold only as follows this season—Pkt., 10c.; 3 pkts., 25c.; ½ oz., 30c.; oz., 50c.; 2 ozs., 80c., *postpaid*.



**Tip Top**  
In Quality.  
In Appearance.  
In Productiveness.

Livingston’s Tip Top Melon.

(INTRODUCED BY US IN 1892.)

THE BEST OF ALL. ♦♦  
EVERY ONE A GOOD ONE.

We never offered a new sort of any vegetable more valuable than this Muskmelon. It is so distinct in appearance that it attracts favorable attention at first sight. Gardeners tell us that their customers soon learn them and will have no other. Our claim for the Tip Top is that it stands at the very tip top in quality. Very good specimens are occasionally found among well-known yellow-flesh kinds, but the universal testimony of every one using the Tip Top is, that every fruit produced, whether big or little, early or late in the season, is a good one—sweet, juicy, finest flavor, firm, but not hard fleshed, eatable to the very outside coating. In productiveness it is unexcelled.

By care and close attention for the past seven seasons we have greatly increased the attractive appearance of this variety by selecting for seed stock the best specimens, and especially those showing the greatest amount of netting. Those who had seed of us the first season of its introduction will remember that it was almost entirely free from netting.

Price of selected seed saved from typical Tip Tops—Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.00; 3 lbs., \$2.50, *postpaid*.

WHAT GROWERS SAY ABOUT TIP TOPS.

Mr. THOS. L. ROSS, Macon, Ga., writes: “I have been trying for several seasons to get an ideal melon, but have never succeeded until this season. I have found it in Livingston’s Tip Top Nutmeg. From a patch sixty feet square I gathered 400 of the best melons I ever saw, although we had a very unfavorable spring. Not a drop of rain fell in ten weeks. I have given melons to a number of my friends and market gardeners, all of whom pronounced them Tip Top in every respect. In size, quality and productiveness, the Tip Top is far ahead of any melon I have ever grown. I expect to plant several acres of them next season.”

Mr. J. P. LANCASTER, Richmond, Ind., writes: “I am selling Tip Top Melons to about all the best melon customers in our place, including the Westcott House, at a greater price per bushel than other kinds bring per barrel.”



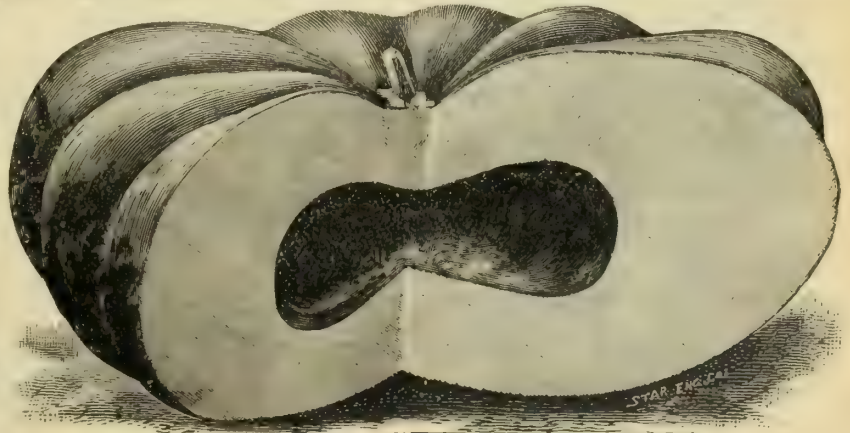
SOME TYPICAL TIP TOPS.

LIVINGSTON’S  
Thanksgiving Pumpkin.

Our illustration shows the distinct shape and the thickness of flesh peculiar to this new Pumpkin. We have had specimens to weigh 55 lbs. and have only 1¾ oz. of seed in them, the flesh being in some places 6 inches thick. The average size is about the same as that of the Cheese Pumpkin, but the flesh is fully twice as thick. On account of this extra thickness of flesh the yield in pounds is double that of other kinds, as the fruit is produced in as great abundance if not more. The flesh is orange in color, of fine grain, sweet, and has the delicious pumpkin flavor essential to the making of a first-class pumpkin pie. The name “Thanksgiving” was suggested by the almost universal custom of having pumpkin pie at the Thanksgiving dinner. Pkt. 10c.; 3 for 25c.

Mrs. ROSA FARMER, Winnebago Co., Iowa, writes: “I believe it is all you claim for it, and more to, being thick meated, fine grained, and the sweetest pumpkin I ever tasted.”

Mr. J. W. RHODES, Muscatine Co., Ia., writes: “I think it the best pumpkin I ever saw.”



ONE PACKET EACH OF THE THREE CHOICE VARIETIES ON THIS PAGE FOR ONLY 20c.; ANY TWO FOR 15c.

# Gregory's New Surprise Pea.



GREGORY'S NEW SURPRISE PEA.

## Extra Early Wrinkled.

Gardeners have long wanted a Wrinkled Pea which would come into market as soon as the extra early smooth kinds. Mr. Gregory claims to have it in the "New Surprise," which he says is "as early as the earliest of the hard peas, and as heavy a cropper, while it has that peculiar sweetness which belongs to the wrinkled sorts."

That it is as early as he states is proved by numerous reports from Experiment Stations, other experts, and gardeners, covering a wide range of country and every kind of climatic condition. For four years in succession second crops have matured on the same ground from which the first was planted, the second in each case from the seed of the first. It is the result of a cross between Earliest of All and American Wonder; has the hardiness of the first, and the quality of the latter. Vines 24 inches high and need no brushing. Pods well filled, containing six or seven peas. The plants should stand about 2½ inches apart in the drills.

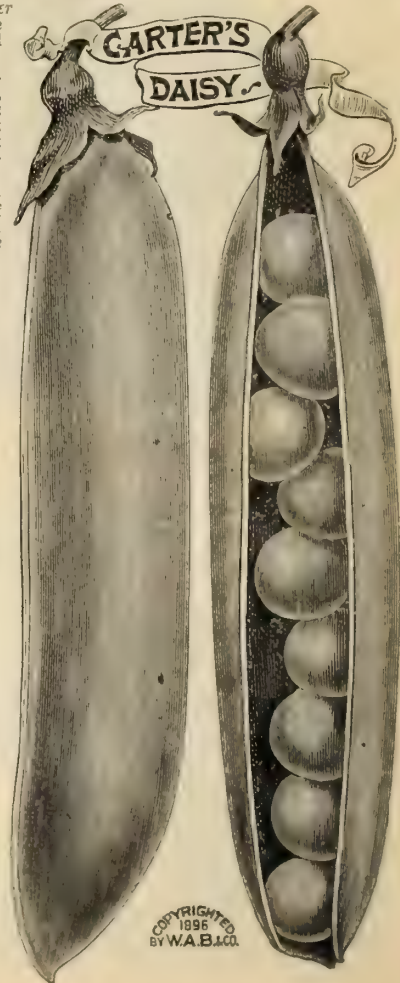
Pkt., 10c.; pt., 40c.; qt., 75c., *postpaid*.

Mr. E. S. CARMAN, of the *The Rural New Yorker*, writes: "Gregory's Surprise Pea is the earliest we have ever tried. Planted April 18, we picked the first mess June 7, second mess June 12. It is a prolific variety, with six or seven peas in a pod."

Editor of *Maine Farm* writes: "The Surprise did wonderfully well and quality was delicious."

Rev. J. REYNARD LAWRENCE, North Egremont, Mass. "The Surprise Pea is immense. It is the best Early Pea. You cannot recommend it too highly."

Editor of the *New England Farmer* writes: "Of thirty-three varieties on trial, Gregory's Surprise was the first to pick and the first to dry down."



# Carter's Daisy Pea.

## A New Second-Early with Immense Pods and Peas.

This magnificent new Pea was introduced in England by Messrs James Carter & Co., in 1892, at the price of 50c. per ounce. So great has been the demand in England, that not until the crop of 1895 was it possible to procure any seed for planting in America. We are only able this season to offer our customers American grown seed.

**THE DAISY** is a second-early of robust but remarkably even growth. The vines are from sixteen to eighteen inches high, needing no brush. The self-supporting, stout plants are fairly loaded with large, bright green pods, which are always well filled. Each pod contains seven to nine large peas, of a light, bright green color, tender and well-flavored. The illustration herewith was engraved **natural size**, from a photograph. The even growth and handsome appearance of the **DAISY** excites the admiration of all.

Of all the numerous crops and many pea trials examined the past season, **THE DAISY** pleased and attracted us most, and we are sure that all who have this grand new Pea in the garden this season will unite in praising it.

**PRICE**—By mail, *postpaid*—Pkt., 10c.; ½ pt., 20c.; pt., 35c.; qt., 60c. By express—Qt., 45c.; pk., \$2.00.

**NEW LEAFLESS RADISH.**

This Extra Early Radish is remarkable for the small size of its leaves; the roots grow so quickly they are practically in advance of the leaves, and for that reason it is called LEAFLESS. The roots are almost large enough for pulling before there is top to pull by, its peculiar, crumpled leaves being "few and far between." These handsome little radishes are of a beautiful bright color, and the crisp, tender flesh is excellent. It is a shy seeder and we can offer it only in small quantities. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

**THE SNOWBALL RADISH.**

One of the quickest growing of all Radishes, besides one of the prettiest ever put on a Gardener's bench. White as snow and smooth as glass; few and short tops; can be grown very thickly and gets out of the way of other crops in an incredibly short time. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.



THE SNOWBALL RADISH.



THE NEW LEAFLESS RADISH.

**Early Golden Yellow Oval Radish.**

A comparatively new Radish, very popular in

many of the large markets. As its name indicates, it is oval in shape, very smooth, is of bright, handsome, yellow color, and of fine quality. It matures quickly and has a small top. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 75c.

**5 Packets (one of each) of these Choice Radishes for 20c.**

**Model White Box Radish.**

(FELTON'S.)

Possesses all the excellent qualities of the popular Philadelphia White Box, but is superior in other respects, being much handsomer and earlier, with fewer and shorter leaves; can be sown thickly in the row, and will grow one-third more radishes in the same space, whether under glass, in frames or boxes, or in the open ground. Pkt., 5c.; oz., 10c.; 2 oz., 15c.; ¼ lb., 25c.; lb., 75c.

**New Cincinnati Market Radish.**

This superb radish, as its name indicates, was produced in the vicinity of Cincinnati, Ohio, by the "Glass Gardeners"

there, and has been used by them for over thirty years. It outsells all others in any market to which it goes, and is by all odds the handsomest long red radish in cultivation. We introduced and recommended this Radish to our trade in the spring of 1895, and it became so deservedly popular at once that for the past two seasons we have had to grow it by the thousands of pounds to supply the demand. It is seldom that even a good thing leaps with one bound into general favor as has been the case with Cincinnati Market.

The tops are so very small that the radishes may stand touching each other in the rows. One grower says that the tops are too small to "pull by," and also that he never thins this variety like he would other kinds, which quickly run up to seed if left standing too thickly in the row. They grow perfectly straight and smooth, and from 6 to 7 inches in length. Their attractive, glossy, scarlet colored skin is very thin, and the flesh crisp and brittle, and of delightfully pungent flavor. Without doubt it is the finest Long Red Radish for forcing, and outsells any other that is put in competition with it on any market. Being long standing, it is also an extra fine sort for the home garden, entirely exempt from any tendency to become pithy or hollow. Beware of spurious seeds. What we offer is OUR OWN GROWTH SEED from pure, straight stock.

Price—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.; 3 lbs., \$2.50, *postpaid*.

Mr. J. W. Nigh, Richmond, Va., writes: "The Cincinnati Market Radish got of you in the spring is the finest I have ever grown."

Mr. Geo. Popp, East Liverpool, Ohio, writes: "Cincinnati Market Radish is the best I ever saw of the red varieties."

Mr. J. R. Mullet, Madison, Ohio, writes: "The Radish I had this year (Cincinnati Market) gave the best satisfaction of any radish I ever grew. Scarcely a maggot in the whole piece. The man who bought the most of them said they were the best he ever handled."

Peter C. Keel, Rochester, Minn., writes "I have had a good many of your specialties from time to time, and have always been pleased with them. Your Cincinnati Market Radish has afforded me both 'pleasure and profit.'"

Mr. J. R. Ground, Bissell, Md., writes: "The Cincinnati Market Radish is the finest I ever grew. It created a sensation in our market."

Mr. Jas. Dewel, Canton, Ohio, writes: "The seed I bought of you last year produced the finest radishes I ever grew. Everyone who tasted them gave them the highest praise."

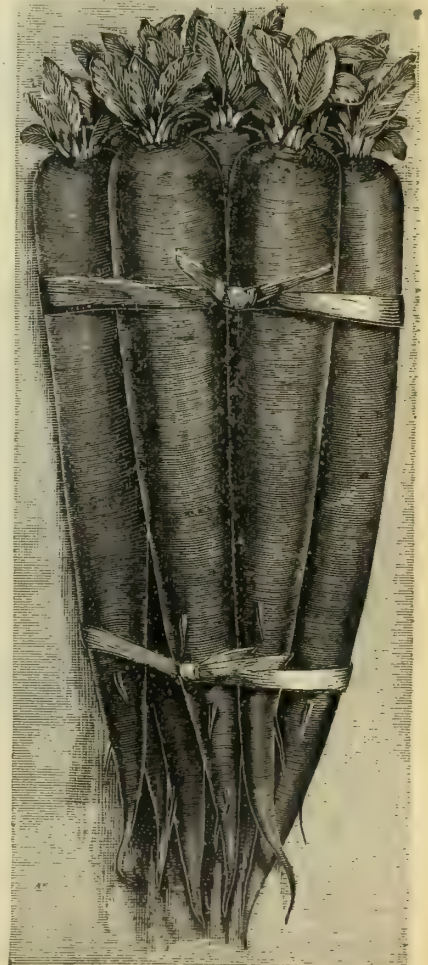
W. A. Brown, Westminster, O., writes: "I think your Cincinnati Market Radish the finest grown. Have found all your seeds 'True Blue' so far."

Sutton Brothers' Commission House: "I have known the Cincinnati Market Radish for the last thirty years. No variety holds its freshness longer, meets with readier sale or gives better satisfaction. We sold it for years in Cincinnati before coming to Columbus sixteen years ago. L. K. SUTTON."

**AN EXTRA EARLY**

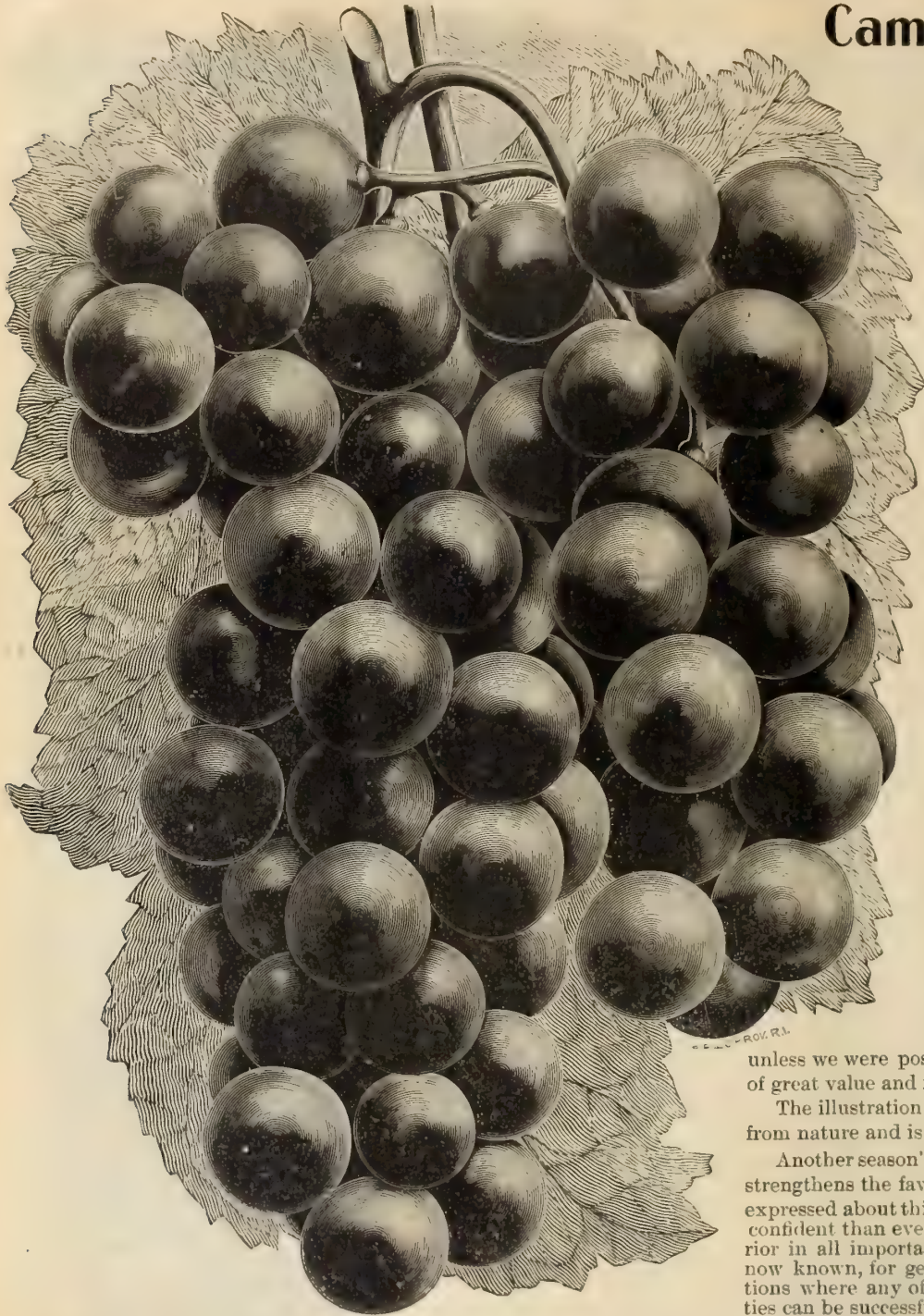
**New White Milan Turnip.**

This is one of the earliest Turnips grown; deep in shape, slightly flattened at top and base of bulb. The entire bulb, inside and out, is clear ivory white in color; the outer surface is perfectly smooth. It grows so quickly that even the outer surface of the bulb is tender. Its table qualities are unequalled, being of most delicious flavor and tempting appearance. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.



EARLY WHITE MILAN TURNIP.

# Campbell's Early Grape.



**M**R. CAMPBELL, the originator of this grape, has a world-wide reputation as a grape specialist, and is the introducer of some of our finest varieties. He has never before allowed a variety to bear his name, but he is so confident that this one will give universal satisfaction he is satisfied to have it called by his name. We are sure that those who know him, either by reputation or personally, as we have for many years, will take this as one of the highest endorsements of the variety. Over six hundred testimonials highly endorsing this variety can be supplied if necessary. We regret that our space is so limited that we cannot give here some of these recommendations, but we assure the reader that we would not devote a page of this Annual to this Grape

unless we were positive the variety was one of great value and merit.

The illustration above was photographed from nature and is exact size.

Another season's experience confirms and strengthens the favorable opinion heretofore expressed about this grape, and we feel more confident than ever that it will prove superior in all important respects to any other now known, for general planting in all sections where any of our hardy, native varieties can be successfully grown.

Its strong, hardy, vigorous growth; thick, heavy, perfectly healthy foliage; very early ripening and abundant bearing of large and handsome clusters of excellent quality, combined with the most remarkable keeping and shipping qualities, form a combination equaled by no other grape within our knowledge.

The plants we offer are one and two years, extra quality,

and every one will bear the Metal Seal of the introducer, and be sent at the following prices, express or postage paid:

One year No. 1.....\$1.00 each; \$8.75 per 10.

Two year No. 1..... 1.50 each; 12.50 per 10.

**CAUTION**—To make sure that you get genuine Campbell's Early, insist that every plant bear a Seal showing age and grade of vine and the year sold.

**For other Grapes, Strawberries, Small Fruits, see page 91.**



## The Nick Ohmer Strawberry.

New for 1898

Originated by Mr. John F. Beaver, who is conceded to be the most successful amateur fruit grower in Ohio.



© 1898



Named after Mr. N. Ohmer, ex-president of the Ohio State Horticultural Society.

"After watching the Nick Ohmer for three years, and hearing how it has behaved wherever I sent it for trial, never having received one unfavorable report on it, I am confident that it is one of the most desirable, if not the very best ever sent out. There is no other in the market, or in sight, that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation."

The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among strawberries. It is never misshapen. Its only departure from the regular, roundish conical form is when, under high culture, it is somewhat triangular. It is dark glossy red, firm and of excellent flavor. Our plants come direct from the introducer, hence are reliable.

PRICE OF PLANTS—Doz., \$2.00; hundred, \$10.00, postpaid.

## Munger Raspberry.

EXCELS ALL OTHERS IN SIZE AND PRODUCTIVENESS. Single Specimens Measure One Inch in Diameter.

MUNGER always brings the highest market price, and ranks first among fancy fruits. The fruit is black and resembles Gregg very much, but better flavored and excels it in size 25 per cent., and ripens from five to eight days later; extra fine for canning and evaporating. It has a special faculty of withstanding drouth and hot sun. The past season when most others were dry and seedy, Munger ripened up sweet and juicy and readily brought an advance of 50c. per bushel over other kinds. The canes are free from disease, upright in growth, and have never yet been affected by the cold of winter. PRICE OF PLANTS—Each, 10c.; doz., \$1.00, postpaid. BY EXPRESS, \$4.00 per 100 (50 at 100 rate). "The largest, best flavored, and most productive berry I have ever seen."—JOHN PIERCE, Pres. Miami Co. Hort. Soc., Troy, O. "Munger is the largest berry I ever saw, many of them measuring over one inch in diameter. Quality is excellent. Hardy and prolific bearer."—J. B. CHRISTIAN, Bradford, O.

## TWO OTHER CHOICE NEW STRAWBERRIES \* IMMENSE PRODUCERS OF ENORMOUS SIZE FRUIT.

**The Seaford.** (Imperfect Blossoms.) The plant is as large as Bubach. A more vigorous grower, ripens much faster and several days earlier. Outside color deep red, bright and glossy; flesh a solid red; flavor, good with little acid; a superior variety of high grade offered for the first time last spring. Dozen, 60c.; 50 for \$1.40; 100 for \$2.50.

**The Margaret.** (Perfect Blossoms) Second early, and continues late in bearing the finest fruit in great abundance; fruit conical (never coxcombs); color dark, glossy red, not inclined to have white tips; flesh firm, of excellent flavor. Originated six years ago with the originator, Nick Ohmer. Truly a remarkable berry. Postpaid, doz., 50c.; 50 for \$1.25; 100 for \$2.00.



BRANCHING ASTER FLOWERS.

## SEMPLER'S BRANCHING ASTERS.

A choice strain of American grown Asters, which has, by careful selection, been brought to a high degree of excellence. The plants are of branching habit, producing from 10 to 20 perfect flowers from 4 to 6 inches in diameter on stems from 10 to 24 inches in length, the plants growing 2 to 3 feet high.

**Semple's White**—A pure white.  
**Mary Semple**—A beautiful shade of shell pink.

Price of either variety, also of **Semple's Choice Mixed**, pkt., 10c.; 2 pkts., 15c.; 1/2 oz., 25c.; 1/4 oz., 40c.; oz., \$1.50.

**Lavender**—New and very fine. Pkt., 10c.; 3 for 25c.

## THE BEGONIA VULCAN.

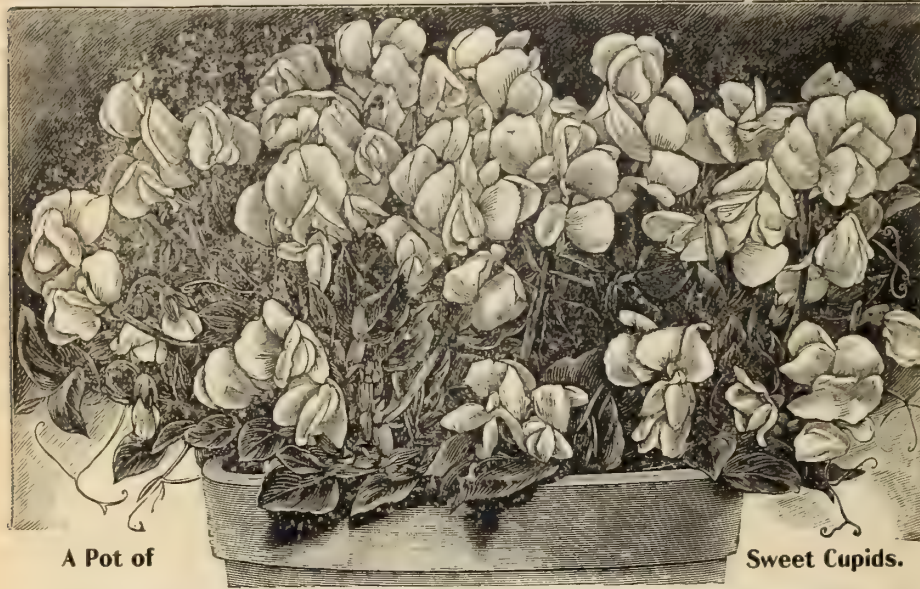
A seedling of the well-known **Begonia Vernon**, popular all over the world as the best variety for bedding on account of profusion of bloom, beautiful foliage and hardy growth. It completely eclipses the **Vernon** in the intense brilliancy of its flowers which are of the most intense fiery scarlet color. Pkt., 15c.; 2 pkts., for 25c.; 10 pkts. for \$1.00, postpaid.



NEW VULCAN BEGONIA.

**Improved Golden-Leaved Salvia.** (See Fourth Cover Page.)—One of the finest introductions made among popular plants for years past; in this plant we have a contrast of color between the foliage and

flowers which is simply marvelous, thus giving it a unique position as a foliage and flowering plant. It grows about one foot and a half high, and is dwarf and compact in its habits. Seeing it from a distance, one would take it for the well-known *Golden Belder Coleus*, except for the masses of brilliant scarlet-flowered spikes which loom up over the yellow foliage. The effect produced when this gem is planted en masse on a lawn is extremely fine. The contrast between the golden yellow foliage, the scarlet flowers, and the green grass gives us the grandest combination of colors imaginable. The color of the leaves is constant and distinct at any stage of the plant inside or out of doors. It will become very popular, as anyone can grow it. **Packet, 25 cents.**



A Pot of

Sweet Cupids.

**THE FIRST DWARF SWEET PEA, "WHITE CUPID."**

**Grows only Five Inches High.**

It excites wonder wherever seen—such a Sweet Pea, yet in habit so unlike a Sweet Pea! It has all the fragrance of the most favored Eckfords. The flowers are of fine substance and full size, borne two and three on the end of each stem—all opening about the same time. Grown in a 12-inch pot just fills the top; with its blooms of glistening whiteness it is wonderfully attractive in the house or conservatory. In the garden it will be used chiefly as a border plant, for it will bear trimming to just the proper shape. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 85c.; lb., \$3.75.

**DWARF SWEET PEA, BURPEE'S PINK CUPID.**

This little wonder grows only 6 to 8 inches, with dark emerald-green foliage. The plants spread from 12 to 18 inches around, and shoot up stems about 6 inches long, which bear, in full bloom at once, from three to four handsome blossoms. The standard of the flower is wide and usually curves over from the top, which gives a distinct shell-shaped appearance. The standard is a bright rose-pink, while the wings are pure white or light pink. The wings are large and finely formed. The substance of the blossom is heavy and it will appear fresh and vigorous in a glass of water long after its long stemmed parent has withered and died. The plant is vigorous and hardy, and those who had poor success with White Cupid will find PINK CUPID easy to grow anywhere. The seed is black, of wonderfully strong germination, and needs no special care in planting. Though flowering early, it continues in bloom very late, bearing a profusion of blossoms so thickly as to completely hide the plant itself. No novelty of recent introduction has such brightness, beauty and grace combined as PINK CUPID. Also delightfully fragrant, and will be admired by everyone who sees it. In regular-size packets (containing 24 seeds)—Pkt. 25c.; 5 pkts. for \$1.00; dozen pkts., \$2.00, *postpaid*. In half-size packets (12 seeds)—Pkt., 15c.; 2 pkts., 25c.; 10 pkts., \$1.00, *postpaid*. Directions for culture in English, French and German on each packet. **For Many other SWEET PEAS see Page 78.**

**Dwarf Early, Large Flowering COSMOS "DAWN."**

Few novelties are offered having so many new and desirable features as this glorious new Cosmos. The Cosmos is now one of the most popular flowers, but frequently on account of its coming into bloom so late, the plants are destroyed by frost without having perfected a solitary flower. This new variety comes into full flower in July and continues a mass of bloom until cut down by frost. It can be grown in the most Northern States and Canada. It is of dwarf, compact growth, growing not to exceed 4¼ feet high, and is not apt to be blown over like the tall kinds. It originated in Northern New York five years ago as yet has shown no tendency to revert to the tall late flowering type. The flowers are very beautiful and large, the petal being rather broader than the tall types makes the flowers appear rounder; it is a very free bloomer, color pure white flushed with a delicate tinge of rose. Last summer a careful comparative test was made with other so-called early flowering Cosmos and with the exception of "DAWN," which began flowering early in July, all others were as late as the ordinary types. We secured our seed direct from headquarters. **Packet, 10c.; 3 for 25c.**



Large Flowering Cosmos.

**JAPANESE MORNING GLORY, NEW GIANT FLOWERED.**

Most Beautiful and Valuable Annual Flowers introduced in 25 Years, and the Most Popular Flowers. Magnificent in Size and Appearance.

The great variety of rich and delicate colors, tints and markings is wonderful and almost incredible. Many are of very odd and singular forms. The foliage is almost as beautiful as the flowers, and they would be worthy of culture even if they had no flowers. The leaves are of various forms, some ivy-

like, smooth and glossy; others very hairy; some are green, splashed and variegated. Vines grow rapidly, climbing from 15 to 30 feet, and soon cover arbors, piazzas, etc., with a mass of rich foliage and flowers. Large Pkt., 10c.; ½ oz., 15c.; oz., 25c.; 3 ozs., 60c.; 4 ozs., 75c.



A STEM OF PINK CUPIDS.

The illustration above was accurately engraved from a photograph exactly natural size. The flowers are identical with the tall-growing BLANCHE FERBY and are always fully equal in size.

# Six New Dahlias

Many other Dahlias will be found on page 87.

**Clifford W. Brunton.** This superb variety is acknowledged to be the finest Decorative Cactus Dahlia ever produced, and is the most important acquisition since the introduction of *Nymphaea*. It is a strong, sturdy grower, and an extremely profuse bloomer. The flowers are large, five to six inches in diameter, and perfectly full to the center. The color is a solid, pure yellow, of the clearest, richest shade, with no green center at any time. Flowers are borne on long, graceful stems. Valuable for cutting and exhibition purposes. It was awarded the diploma of the American Institute, New York, and was awarded many other first prizes last Fall. **STRONG ROOTS, 40c.; 3 for \$1.00.**

**Miss May Lomas.** One of the grandest show varieties in existence. The plant is a strong, vigorous grower, and is constantly covered with large finely shaped flowers. The form is entirely distinct, having very large shell-like petals of most exquisite, waxy finish; the color is charmingly lovely, being pure white, delicately suffused, soft, rosy lavender. Valuable for cutting.

**Red and Black.** A new and entirely distinct combination; deep, glowing crimson, heavily margined jet black; as the flower fully opens the crimson changes to deep wine-red and the margin to black maroon; the flowers are of beautiful form, and one of the most striking and effective of the show types.

**Fern-Leaved Beauty.** One of the finest of all bedding show Dahlias, being a new and distinct type, with fern-like foliage and a dwarf branching habit; color creamy white, with a distinct margin of crimson around each petal. A first prize taker wherever shown.



A VASE OF CLIFFORD W. BRUNTON.

**Snowclad.** Undoubtedly the very finest white Pompon to date. A strong, vigorous grower, of branching habit, and such a profuse bloomer as to suggest the name; of perfect form, and always full to the center. Largely grown by florists for design work; very profitable, as a hundred perfect flowers can be produced to the plant if well cared for. Awarded first prize everywhere.

**Beauty.** A new large show variety of purest white, with well rounded flowers of good texture; always full to the center; an early and profuse bloomer. One of the finest and valuable for all purposes.

**Dahlia Prices.** Roots of any variety (except Brunton), each, 25 cts; 5, of one or more kinds, \$1.00, or the Six, including Brunton, \$1.25, all postpaid.

**"THE DAHLIA."** (By PEACOCK.) A practical treatise on the cultivation of the Dahlia. Beautifully illustrated and well printed on toned paper. *Postpaid*, 30 cents.

MAY BE HAD FREE WITH A DAHLIA ORDER AMOUNTING TO \$2.00.

## • New Fringed Mammoth • Hollyhock 'Allegheny.'

This grand new flower is a decided improvement over the old-fashioned variety. Its fine, transparent, fringed flowers look as if they were made up of crushed silk. The flowers are from five to seven inches across; the plants are perpetual bloomers. No one can imagine the beauty of its brilliant colors, (shell-pink, rose, ruby-red, etc.) As cut flowers they are immense; a plate filled with flowers is very handsome, and as flowers to wear they are wonderfully lasting. **WORTHY OF A TRIAL.** Small Packet, 15 cts.



NEW MAMMOTH ALLEGHENY HOLLYHOCK.



# Livingston's Choice Vegetable Seeds

FOR HOME AND MARKET GARDENS.

**I**N THIS DEPARTMENT we aim to offer a complete list of all known varieties of real value, and to exclude everything worthless; also to leave out an endless number of kinds for which there is no demand. We are careful to avoid offering the same variety of seeds under different names; also to avoid using misleading descriptions. It has been our aim to give fair and reasonable **General Instructions** as to planting and growth, but allowance must be made, for what applies in one latitude or section may widely differ from another not very far distant.

**ORDER EARLY.** Please order as soon after you get this catalogue as possible, then you will have your seeds at hand for planting when you want them; besides, if you want heavy seeds in large quantities they can be sent by freight very cheaply.

**SEEDS PREPAID BY MAIL.** Please bear in mind that the prices in the following list include prepayment of postage by us on all seeds offered by Packet, Ounce, Quarter-Pound, Pound, Pint or Quart, unless otherwise noted. Thus, you have only to send the catalogue price, and we guarantee safe delivery by mail, postage prepaid. If the seeds are to go by express or freight with other seeds, etc., at the buyer's expense, deduct 8 cents for a pound, 8 cents for a pint, and 15 cents for a quart. Half-pounds supplied at pound rates; half-bushels at bushel rates.

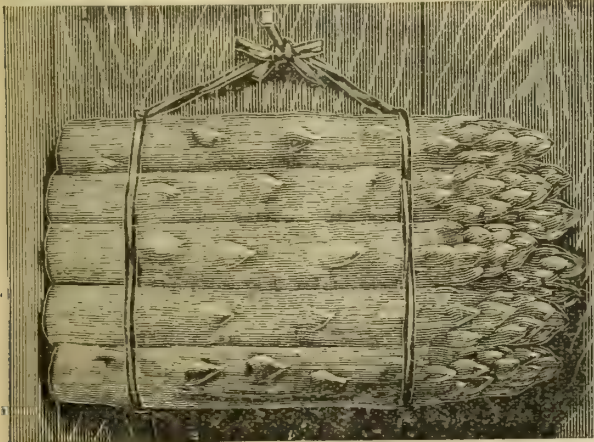
**Peck, Bushel and Barrel Lots.** When these are ordered the freight or express charges must be paid by the party ordering.

## VEGETABLE SEED DISCOUNTS.

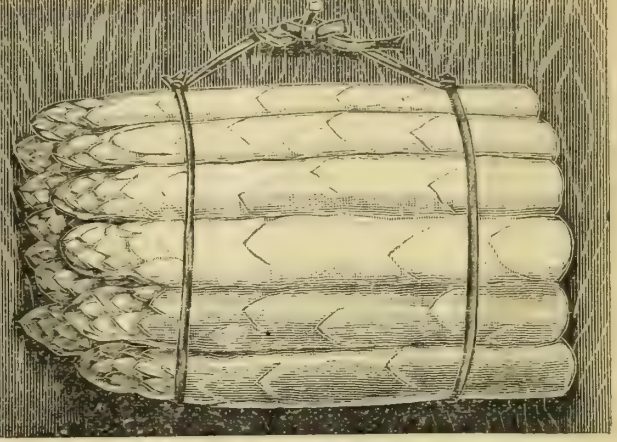
**PACKET AND OUNCE DISCOUNTS.** This does not refer to Seeds offered by weight (one-fourth pound, pounds, etc.) or measure (pint, quart, etc.), but to seeds in **PACKETS AND OUNCES ONLY.** Nor does it refer to Potatoes, Onion Sets, Bulbs or Plants.

**FOR 25 CENTS** select 6 five-cent Packages of Vegetable or Flower Seeds.  
**FOR 50 CENTS** select 13 five-cent Packages of Vegetable or Flower Seeds.  
**FOR \$1.00** select Seeds in Packets or Ounces amounting to **\$1.30.**  
**FOR \$2.00** select Seeds in Packets or Ounces amounting to **\$2.75.**  
**FOR \$5.00** select Seeds in Packets or Ounces amounting to **\$7.25.**

**MARKET GARDENERS,** or other large planters, requiring larger quantities of seeds than are here offered, are invited to write for our **Special Price List.** This list we can not send to private gardeners, even if they apply for it, as it is intended only for those who grow for market. In writing, please state whether you are a Market Gardener, Florist or Dealer in Seeds.



DONALD'S ELMIRA ASPARAGUS.



COLUMBIAN MAMMOTH WHITE ASPARAGUS.

## ASPARAGUS.

French—*Asperge.* German—*Spargel.*  
 Spanish—*Esparragoc.*

One of the earliest spring vegetables, and one that would be in more general use were it known how easily it can be grown. It can be grown in any good garden soil, but does best in moist, sandy soil.

To grow plants from seed, sow in drills about one inch deep, in rows a foot apart. Keep the soil mellow and free from weeds during the summer, "thin out," and the following spring the plants may be set out in beds six feet wide, with a path two feet wide on each side; set the plants about a foot apart each way, with the plants four inches below the surface. The deeper the soil and the more manure used the greater the crop. Annually, after the first cutting, the bed should be given a liberal top dressing of manure, ashes and salt, which should be well cultivated into the soil. As soon as the tops turn yellow in the fall they should be cut and removed from the beds, and just before winter cover beds with four inches of coarse, strawy manure or leaves, which should be removed in the spring. A bed 6x60 feet is ample for an ordinary family, and when well established is good for 20 years.

One ounce of seed sows 60 feet of drill. About 400 plants to the ounce.

**Columbian Mammoth White**—An entirely distinct variety producing shoots which are white, and remain so as long as it is fit for use. In addition to the advantage of its white color it is even more robust and vigorous in habit, throws larger shoots and fully as many of them as Conover's Colossal. It needs no earthing up in order to furnish the white shoots so much sought for. Pkt. 5c.; oz. 10c.; ¼ lb. 25c.; lb. 80c.

**Donald's Elmira**—Originated with Mr. Donald, a well-known market gardener of Elmira, N. Y. It is quite different from either Barr's or Palmetto, and a good, reliable mammoth variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

**Conover's Colossal**—A large and rapid grower of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Barr's Mammoth**—Very large and uniform, grows very quick, and is light in color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Palmetto**—Claimed to be an earlier, better yielding, and more even grower than Colossal. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

## ASPARAGUS ROOTS.

By purchasing **GOOD, STRONG ROOTS** one or two year's time is saved.

**Columbian Mammoth White**—By mail, (postpaid), 50 roots, 60c.; 100 roots, \$1.00. By express or freight, (not prepaid), 100 roots, 75c.; 500 roots, \$2.75; 1000 roots, \$5.00.

**Donald's Elmira**—By mail, (postpaid), 50 roots, 60c.; 100 roots, \$1.00. By express or freight, (not prepaid), 100 roots, 75c.; 500 roots, \$2.75; 1000 roots, \$5.25.

**Conover's Colossal**—By mail, (postpaid), 50 roots, 60c.; 100 roots, \$1.00. By express or freight, (not prepaid), 100 roots, 65c.; 500 roots, \$2.25; 1000 roots, \$4.00.

**Palmetto**—By mail, (postpaid), 50 roots, 60c.; 100 roots, \$1.00. By express or freight, (not prepaid), 100 roots, 75c.; 500 roots, \$2.50; 1000 roots, \$4.50.

**Barr's Mammoth**—By mail, (postpaid), 50 roots, 60c.; 100 roots, \$1.00. By express or freight, (not prepaid), 100 roots, 75c.; 500 roots, \$2.50; 1000 roots, \$4.75.

**SPECIAL PRICES FOR LARGER QUANTITIES OF ABOVE ROOTS.**

## ARTICHOKE.

French—*Artichaut.*  
 German—*Artischocke.*

This is the French Artichoke, and is grown for its flower heads, which are cooked like Asparagus. It is perennial, hardy, and easily cultivated, hence should be more generally grown. Seed can be sown in hot-beds, and transplanted into pots, so as to give plenty of room, until danger from frost is past, and then transplanted into very rich ground, three feet apart each way, or the seed can be sown outside early in April in a rich seed bed in drills one inch deep, twelve inches apart, thinning, when up, to four inches apart in rows; but in that case will not likely produce heads the first season. Protect in winter with a slight covering of manure or leaves, put on late after cutting off the old tops. The second season they will form heads about the first of July. Once established they will continue bearing for years.

**Large Globe**—Pkt., 5c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

**Jerusalem Artichoke Roots**—See page 56.

**Remember our Prices for Packets, Ounces, Quarter-Pounds, Pounds, Pints and Quarts are Postpaid, Unless Otherwise Noted.**

# BEANS.

## DWARF OR BUSH VARIETIES.

French—*Haricot*.  
German—*Bohne*.  
Spanish—*Frijoleno*.

Beans are tender and should not be planted until all danger from frost is past; no time is gained by planting before the ground becomes warm. Plant in drills 3 or 4 inches apart, or in hills  $1\frac{1}{2}$  feet apart in the row, and rows 3 feet apart. Hoe often, but never when wet with dew or rain, as earth will rust the leaves and injure the crop, especially in sandy soil.

One quart will plant 100 feet of drill; one to one and a half bushels to the acre.

### OUR QUART AND PINT PRICES

include Postage. If to go by express at buyer's expense deduct 15 cts. from the quart, or 8 cts. from pint prices.

### LARGE PACKETS.

Customers write us that our packets are well filled and generally contain more seed than others



EXTRA EARLY ROUND POD VALENTINE.

### GREEN PODDED VARIETIES.

**Extra Early Round Pod Valentine**—At least ten days earlier than Early Valentine, and usually ready to pick in 35 days after planting. Pods round, thick and fleshy, of finest quality and unequalled in uniformity of ripening; one of the most profitable sorts for gardeners. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**White Valentine**—The seed being white gives it additional value, as it can be used green as a snap bean, or as a winter shelled bean. Packet, 10c.; pint, 20c.; quart, 40c.; peck, \$1.00; bushel, \$3.75.

**Early Mohawk**—First early; none better for first planting; productive, very hardy, almost rust-proof; can be used when half grown. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Livingston's Round Six Weeks**—A most excellent green podded snap bean. It is not only extra early, but is a good, strong grower and abundant cropper. No green podded sort approaches it in freedom from strings. A favorite with all Market Gardeners. Packet, 10c.; pint, 25c.; quart, 45c.; peck, 90c.; bushel, \$3.25.

**Early China**—"CHINA RED EYE"—An old standard variety. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Long Yellow Six Weeks**—A fine early string bean. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

**Refugee, or Thousand to One**—Hardy; abundant bearer; flesh thick, tender. Pkt. 10c.; pint, 20c.; quart, 35c.; peck, \$1; bus. \$3.50.

**Extra Early Refugee**—Has all the good qualities of the famous Refugee; immense yielder; sure to produce a good crop in either wet or dry season. Pkt. 10c.; pint, 20c.; quart, 35c.; peck, \$1; bus. \$3.75.



LIVINGSTON'S ROUND SIX WEEKS.

**Coddard, or Boston Favorite**—Early; very large and very productive; excellent for shell beans. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Emperor William**—Produces immense flat green pods in great profusion; very early and of splendid quality. *Largest podded of all Bush sorts* Pkt. 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bus., \$3.50.

**Best of All Dwarfs**—Pods long, very fleshy, succulent, stringless, and rich in flavor; are produced early and abundantly; one of the most valuable green podded beans for either market or family use. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Dwarf Horticultural**—A bush sort of the well-known Horticultural pole variety. Packet, 10c.; pint, 25c.; quart, 45c.; peck, 90c.; bushel, \$3.00.

### FIELD VARIETIES.

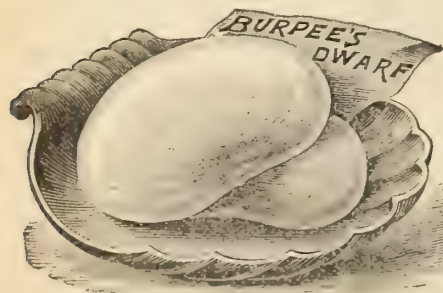
**White Kidney (ROYAL DWARF)**—An excellent "shell bean" green or ripe. One of the best for winter use. Unsurpassed for baked beans. Beans long, large, white, kidney-shaped. Packet, 5c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Prolific Tree**—Very prolific. Only one bean should be planted in a hill. Small, white. One of the best dry beans for market purposes. Packet, 5c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**White Marrow**—Extensively grown for sale as a dry bean. Excellent shelled either green or dry. Packet, 5c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Improved Navy or Boston Pea Bean**—Excellent; very productive; early; hardy; white pods, generally in clusters. A favorite for baking. Pkt., 5c.; pint, 20c.; quart, 35c.; peck, 90c.; bus., \$3.00.

## DWARF OR BUSH LIMA BEANS.



The following varieties are of true Dwarf or Bush form, and grow but 18 to 20 inches high without the aid of stakes, poles or other supports. The Bush varieties are about two weeks earlier than the Climbing Limas and are abundant bearers until frost. Should be planted, when the weather and ground have become warm, in rows 2 feet apart, single plants 1 foot apart in the row.

**Henderson's Dwarf Lima**—Grows in compact bush form, and produces enormous crops, which can be as easily gathered as the common bush sorts. Packet, 10c.; pint, 25c.; quart, 40c.; peck \$1.25; bushel, \$4.25.

**Dreer's Dwarf Lima**—A true bush form of Dreer's Pole Lima. Matures early and very productive. The beans, in a green state, are not quite as large as the Large Lima, but grow closer together in the pods, are thicker, sweeter, more tender and succulent, and remain green after maturing. Single plants often bear 100 to 150 pods. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bushel, \$5.50.

**Burpee's Dwarf Lima**—Beans as large as Large Pole Lima, but strictly dwarf, and come absolutely true from seed. Of stout growth, and always erect, *branching vigorously*, bearing from 50 to 200 handsome, large pods, well filled with very large beans, *identical in size and luscious flavor to the well-known Large Pole Limas*. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.00; bushel, \$6.00.

**Kumerle, or Thorburn**—A dwarf form of the famous Challenger Lima. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bushel, \$5.50.





RUST PROOF GOLDEN WAX BEAN.



KEENEY'S RUSTLESS WAX BEAN.

**DWARF WAX OR YELLOW POD VARIETIES.**

**Rust-Proof Golden Wax**—One of the best strains of Golden Wax on the market. Hardier, much more prolific, holds its pods up well, of better quality, and the pods are straighter, longer and thicker than the ordinary Golden Wax, and *rust-proof*. Packet, 10c.; pint, 20c.; quart, 40c.; peck, 90c.; bushel, \$3.25.

**Crystal White Wax**—Distinct and one of the best. Matures quick, slow to harden, retaining their juicy, succulent flavor for days after they are ready to pull. The pods are ivory white, of good size, round and very fleshy. An attractive market sort. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.25; bushel, \$4.00.

**Colden-Eyed Wax**—Extremely early and vigorous, growing very rapidly, and yields a great profusion of tender, succulent pods of a beautiful waxy appearance; its flavor is unexcelled. Packet, 10c.; pint, 20c.; quart, 40c.; peck, \$1.00; bushel, \$3.50.

**Scarlet Flageolet Wax**—A very showy variety. As early as the Black Wax, and nearly always exempt from rust. The plants are large, erect, very productive; pods of extra large size. Packet, 10c.; pint, 25c.; quart, 40c.; peck, \$1.25; bushel, \$4.50.

**Violet Flageolet Wax**—PERFECTION WAX—Plant large. Pods are long, large, more twisted than the Scarlet, a little later and distinctly larger. Packet, 10c.; pint, 25c.; quart, 40c.; peck, \$1.25; bushel, \$4.50.

**Ferry's Golden Wax**—A very early bean of golden wax color, of excellent quality; well-known and extensively used. Pkt., 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**White Seeded Wax**—An excellent snap bean, and fine for shelling; seed pure white. Packet, 10c.; pint, 25c.; quart, 40c.; peck, \$1.10; bushel, \$4.00.

**NEW VALENTINE WAX**—An improved Extra Early Valentine with round wax pods. One of the earliest Wax Beans in use. The pods are very meaty, and no other bean has less string or less hard shell to the pod as long as it is suitable for cooking. Remarkably free from rust, and remains a long time without becoming tough. Pkt., 10c.; pint, 30c.; quart, 50c.; peck, \$1.40; bus., \$5.00.

**Black-Eyed Wax**—Very early. Pods long and beautiful in color; very tender; fine flavor; very productive. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

**KEENEY'S RUSTLESS WAX**—The Long Looked-for Bean, combining hardiness and productiveness with fine quality. A strong-growing bush variety of remarkable vigor and freedom from rust. It sends out short tendrils on which pods are formed in addition to those near the central stalk of the plant, which accounts for its wonderful productiveness, amounting, under favorable conditions, to 100 to 150 fold. The pods are meaty and well filled, thick-flat when young, and semi-round later; of rich yellow color and fine quality, and *entirely stringless*, even when large enough to shell. If the pods are picked as fast as formed, the plant continues to furnish a bountiful supply for an unusually long season, and is practically everbearing until frost. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

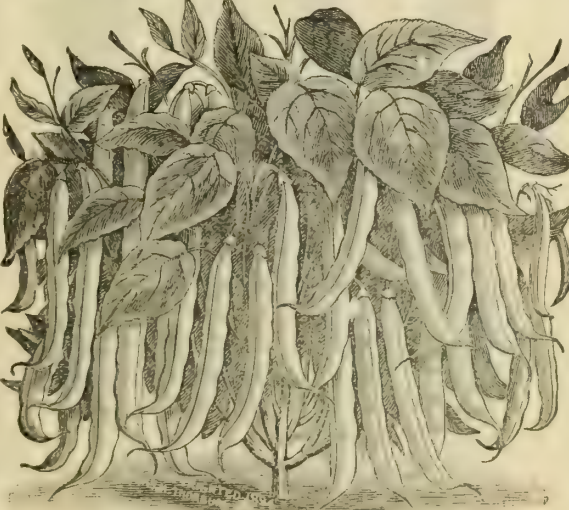
**Challenge Dwarf Black Wax**—A distinct sort about a week earlier than any other Wax Bean, while its vigor and productiveness leave nothing to be desired. Pods are large and of good color; growing uniform and well together. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

**Prolific German Wax (Cylinder Pod)**—An improved strain of Black Wax, having longer, whiter, and more fleshy pods; more productive. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

**German Black Wax**—Early, stringless, pods round, waxy-yellow, solid and tender. Packet, 10c.; pint, 20c.; quart, 35c.; peck, 90c.; bushel, \$3.00.

**Wardwell's Kidney Wax**—Early. Vine of medium size, erect, hardy and productive. Pods long, broad, flat and of a delicate waxy-yellow, and brittle. Beans large, kidney-shaped, white with dark markings about the eye. A first-class snap bean, and a good winter bean. Packet, 10c.; pint, 25c.; quart, 40c.; peck, 90c.; bushel, \$3.00.

**Yosemite Mammoth Wax**—The monster pods of this variety average 10 to 14 inches in length, are nearly all solid pulp, and absolutely stringless, cooking tender and delicious; rich golden yellow; a vigorous grower. Packet, 10c.; pint, 30c.; quart, 50c.; peck, \$2.00; bushel, \$7.50.



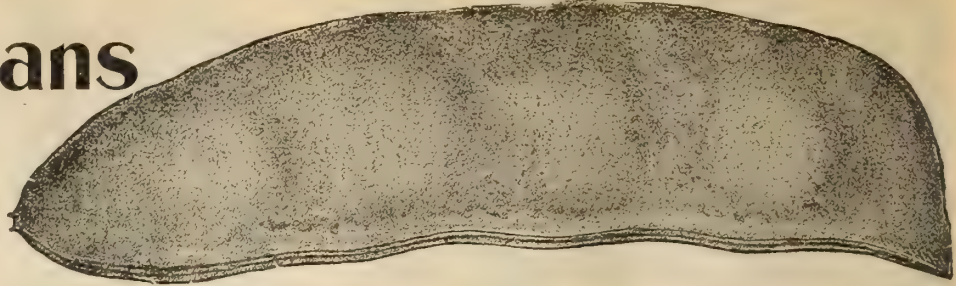
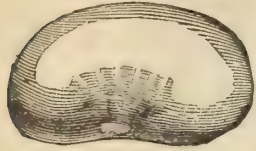
NEW VALENTINE WAX BEAN.

**NEW DAVIS WAX BEAN.**

The Best White Seeded Dwarf Wax Bean in Cultivation. Pods are clear waxy white, long, straight and thick. The dry beans are clear white, and kidney-shaped. Hard to equal in productiveness, compact upright growth, earliness, hardiness, and handsome appearance. The plant is sturdy and robust, which enables it to hold up the pods from contact with the soil, and facilitates picking very materially. The Bean for the canner, but rather "stringy" for family use. Packet, 10c.; pint, 20c.; quart, 35c.; peck, \$1.00; bushel, \$3.50.

**OUR QUART AND PINT PRICES INCLUDE POSTAGE.**

# Pole Beans



**Pole Beans** are more tender and require more care in culture than the Dwarf or Bush varieties, and should be sown two weeks later; they succeed best in sandy loam, which should be liberally enriched with manure. Form hills from 3 to 4 feet apart; plant 5 or 6 beans in a hill, about 2 inches deep, leaving space in the center for the pole. When the beans are well started they should be thinned to two or three plants in a hill. One quart makes 100 to 200 hills, according to size of beans. Eight to twelve quarts plant an acre.

## POLE LIMA BEANS.

Lima Beans will not grow until the weather and ground are warm, and if planted before they are apt to rot in the ground.

**SEIBERT'S EARLY LIMA BEAN**—The earliest True Lima. The very best for Market Gardeners' use. The vine is very productive, hardy and vigorous. Produces pods very early, and the beans are of fine quality. The green shelled beans are of immense size, but so tender and succulent that they shrink in drying to about the size of the Large White Lima. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.75; bushel, \$6.75.

**Extra Early Jersey**—The beans are nearly as large and equally as good as the late sorts, but two weeks earlier. Packet, 10c.; pint, 30c.; quart, 50c.; peck, \$1.50; bushel, \$5.50.

**Dreer's Improved**—Vines vigorous and productive; pods short, broad, straight and coarse; the beans are much thicker than ordinary Limas. Pkt., 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bus., \$5.50.

**Challenger Lima**—Similar to but an improvement on Dreer's Improved; more prolific, pods and beans larger, of the same shape. It is early, and continues bearing its closely crowded clusters of pods until frost. Pkt., 10c.; pint, 25c.; quart, 50c.; peck, \$1.50; bushel, \$5.50.

**Ford's Mammoth-Podded**—Pods are six to nine inches long, produced in large clusters, and containing from five to six pods each; of excellent quality for using either green or dry. Packet, 10c.; pint, 30c.; quart, 50c.; peck, \$2.00; bushel, \$7.50.

**Large White**—A general favorite for home use or market. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bushel, \$5.50.

**Small White**—(CAROLINA SEVEE, OR SIEVA)—Resembles the Large Lima, but has smaller leaves and seeds; it is earlier and more hardy. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.40; bushel, \$5.00.

**King of the Garden**—Vigorous grower, bearing profusely large pods varying from 5 to 8 inches in length; beans large and of rich flavor. Packet, 10c.; pint, 30c.; quart, 55c.; peck, \$1.60; bushel, \$6.00.

**Mammoth Kidney-Shaped**—Beans are extra large and fine in every way. Pkt., 10c.; pint, 30c.; quart, 55c.; peck, \$2.00; bus. \$7.

## POLE OR RUNNING BEANS.

**White Creaseback**—An extremely early green pod bean which cannot be praised too highly. It is a good grower, vines small to medium; exceedingly productive; the long pods are produced all over the vine in clusters of from 4 to 12; perfectly round, with a crease in the back; stringless, very fleshy and of fine quality. Pkt., 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bus., \$5.50.

**Giant Red Wax**—Long, yellowish-white waxy pods, thick, fleshy, tender, fine flavored and keeps a long time in fit condition for use. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$2.00; bushel, \$7.50.

**White Dutch Case Knife**—One of the earliest; a splendid green shell bean, also a fine dry bean for winter use; good for planting among corn. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bushel, \$5.50.



## BROCCOLI.

French—Chou Brocoli.  
German—Spargel Kohl.

Sow thinly in seed beds about the middle of spring, and transplant and cultivate the same as Cabbage. Produces heads very nearly like Cauliflower, but more hardy.

**Early Large White**—Heads medium size, close, compact, and of creamy white color. One of the most certain to head. Pkt., 10c.; oz., 30c.; ¼ lb., \$1.00.

**Early Purple Cape**—Differs in color. Pkt. 10c.; oz. 25c.; ¼ lb. 75c.

**OUR QUART AND PINT PRICES** include postage. If to go by Express, at buyer's expense, deduct 15 cts. from the quart, or 8 cts. from the pint prices below.

**LARGE PACKETS.**—Customers write us that our packets contain more seeds than others.

**POWELL'S PROLIFIC POLE BEAN.** A most rampant grower, one plant filling a pole with a mass of vines densely loaded with beans; almost a solid mass of pods from bottom to top of pole. Handsome green pods, averaging 8 or 9 beans to the pod, growing very uniform, about six inches long; perfectly stringless, very thick meated, tender, rich and buttery; *everbearing*. It is very profitable for market gardeners. Packet, 10c.; pint, 30c.; quart, 50c.; peck, \$2.00; bushel, \$7.00.

**Lazy Wife's**—Pods grow from 6 to 8 inches long, entirely stringless, of a rich, buttery flavor when cooked. Pods retain their tender, rich flavor until nearly ripe: a good white shell bean for winter use. Packet, 10c., pint, 25c.; quart, 45c.; peck, \$1.75; bushel, \$6.50.

**Horticultural, or Speckled Cranberry**—The old "Bird Egg" or "Wren's Egg" Bean—Round, speckled; tender for snap beans; not excelled for shelling and succotash. Packet, 10c.; pint, 20c.; quart, 40c.; peck, \$1.25; bushel, \$4.50.

**Kentucky Wonder**—A very prolific sort, bearing its pods in large clusters; pods green, often reaching 9 or 10 inches in length, nearly round when young, and very crisp. Packet, 10c.; pint, 20c.; quart, 40c.; peck, \$1.40; bushel, \$5.00.

**Red Speckled Cut-Short, or Corn Hill**—An old variety very popular for planting among corn, and will give a good crop without poles; vines medium, not twining tightly; pods short, round and tender. Pkt., 10c.; pint, 25c.; quart, 40c.; peck, \$1.75; bus., \$6.00.

**Southern Prolific**—A very prolific sort, popular in the South and good anywhere. Pods green, cylindrical, long, fleshy, crisp and excellent. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.50; bushel, \$5.00.

**Yard Long, or Cuban Asparagus Bean**—This is quite a curiosity. It is a pole bean, with dark green foliage, and pods growing two feet and upward in length. The pods of such extraordinary length are produced very abundantly. Packet, 10c.; 3 pkts., 25c.

**White Dutch Runner**—Has large white seed and beautiful clusters of white flowers; good green shell bean. Packet, 10c.; pint, 25c.; quart, 45c.

**Scarlet Runner**—This favorite climber produces clusters of beautiful scarlet flowers; grown principally for ornament, but can be used as a green shell bean. Packet, 10c.; pint, 25c.; quart, 45c.

**GOLDEN CHAMPION WAX**—The earliest and one of the best Wax Pole Beans. The pods are long, cylindrical, very fleshy, stringless, bright golden yellow, and borne in clusters; productive; of extra fine quality. Packet, 10c.; pint, 25c.; quart, 45c.; peck, \$1.75; bushel, \$7.00.

**EARLY GOLDEN CLUSTER WAX**—Although it begins to bear early it continues until frost. Every one is surprised at their beautiful appearance and productiveness. Pods from 6 to 8 inches long and borne in clusters of from three to six, and are most freely produced; stringless, very tender and of delicious flavor. Very profitable to grow for market. Packet, 10c.; pint, 25c.; quart, 50c.; peck, \$1.75; bushel, \$6.50.

## Brussels Sprouts.

French—Chou de Bruxelles.  
German—Spriessen Kohl.

This is one of the most delicious of all vegetables, of easy growth, but is not so well known in America as it deserves. Produced on the stem small heads resembling miniature cabbages. The sprouts are used as greens and become very tender when touched by frost. Sow in May and manage as winter cabbage. In the fall the leaves should be broken down so that the little cabbages will have more room to grow.

**Best Improved Dwarf**—Produces compact sprouts of the finest quality; a good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.





# Table Beets.

French—*Betterave*, German—*Runkle-Rube*, Spanish—*Betteraga*.

essary. Before freezing weather sets in, the roots may be stored in cellars or pits, same as potatoes; dry earth thrown over them before the straw and earth covering is put on insures their keeping over winter. Be very careful not to bruise them in handling. One ounce of seed to 50 feet of drill. 5 to 6 pounds to the acre.

Prices include postage prepaid by us.

## CROSBY'S IMPROVED EGYPTIAN.—Our Leader.

**EXTRA EARLY.** A very superior strain of Blood-Red Egyptian, carefully selected for years by Mr. Crosby, a noted market gardener, whose aim was to secure a perfect forcing variety. The results obtained were handsome form, good size, few, small tops, very small tap root, fine quality, and, above all, quick, rapid growth. The shape is very desirable, not quite so flat as the ordinary Egyptian, nor so round as the Eclipse. Takes on its turnip shape and looks well even in the early stages of its growth, on which account it is preferred for forcing to Globe and Half-Long varieties, which require longer time to grow to presentable market shape. This is a decided advantage to those who force for real early market, and especially for a market where beets are sold in bunches. Once used it is preferred to all others for forcing in frames or for first sowing outside. Being a rapid grower it may be sown outside as late as July. We have made a very fine selection of this stock for years and we believe we have it nearer the original Crosby idea than any one in the trade; many samples we have tested from other houses turned out to be the ordinary Egyptian. It is a very good variety for family use. Packet, 10c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.00.

**Early Egyptian**—Very early, dark blood-red, of medium size, tender and sweet; used for forcing. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Edmand's Turnip**—Deep red; good size; smooth; small top; very early and decidedly popular. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Lentz**—Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Bastian's Early Blood Turnip**—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early Flat Red Bassano**—Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Ha f-Long Blood-Red**—Of handsome shape, fine quality, and quick growth, coming in soon after the Turnip varieties; good for winter use if planted about the middle of July. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## DEWING'S IMPROVED BLOOD TURNIP.

The best main crop variety. Roots are smooth and handsome, good size, tender and sweet. A great favorite with marketmen. Our stock is grown from *Selected Beets* and is unexcelled by any in the country. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

## DETROIT DARK RED.

One of the very best red turnip-shaped varieties. Has small, upright-growing tops, splendid shape, and the color of the skin is dark blood-red, and flesh deep bright red. Very crisp, tender and sweet; matures early, holds a long time in condition for use, and produces a very uniform crop in shape. Packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Stinson's Dark Turnip**—An excellent variety, very early, and a great favorite in Eastern markets; small tops, rich color, and cooks dark blood-red. Pkt. 5c.; oz. 10c.; ¼ lb. 20c.; lb. 65c.

**Arlington Favorite**—A new Beet, which for form, flavor, deep blood-red color of the flesh, small foliage, and general market garden cultivation cannot be excelled, if equalled, by any other. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Eclipse**—A very early, handsome, smooth, dark, globe-shaped beet; small top; very desirable quality. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early Blood Turnip**—Old standby. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Long Dark Blood-Red**—A good keeper; excellent for winter use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.



CROSBY'S IMPROVED EGYPTIAN BEET.

Oct. 5th, 1896, writes: "Your Extra Early White Spine Cucumber, Crosby's Egyptian Beet, Cincinnati Market Radish and Tip Top Melon cannot be beaten. I have had the market entirely to myself in the sale of these vegetables."

JOHN S. LESTER, Windham Co., Conn.

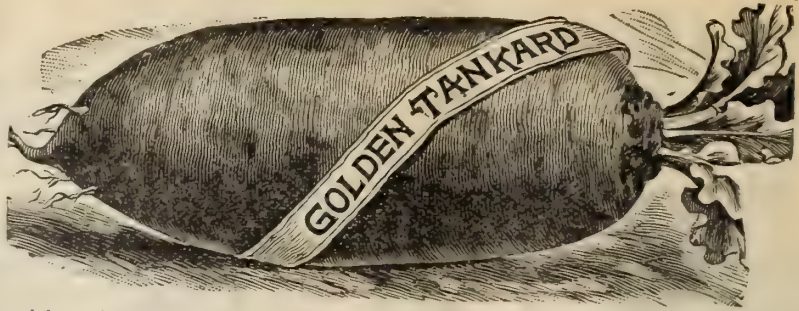
# BEETS For Feeding Stock.

**Mangel Wurzels** for stock feeding cannot be over-estimated. The results from their use are wonderful, as is clearly shown in the improved health and condition of animals, the increased yield of milk in cows, and the great saving of hay. They can be raised at a very trifling cost, and yield immense crops per acre, if the soil is rich—you can hardly get it too rich—they make a heavy growth, and the rows should be at least two feet apart, and if large quantities are grown it is best to have the rows wide enough apart to use a horse in cultivation.

Five or six pounds of seed required per acre.

**GOLDEN TANKARD**—The best Yellow Mangel in cultivation.—Flesh bright yellow, and in this respect differs from all other varieties which cut white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 30c.; 5 lbs. for \$1.25; 10 lbs. for \$2.25.

**Golden Giant Intermediate (Yellow Leviathan Mammoth Yellow)**—Beautiful russet-yellow color; remarkably even in shape; smooth skin; the flesh is white, firm and sweet. Produces enormous crops, and is an excellent keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c. By express—Lb., 30c.; 5 lbs. for \$1.25; 10 lbs. for \$2.25.

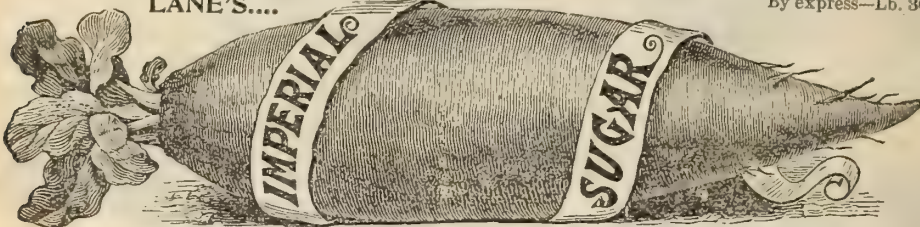


**Champion Yellow, or Orange Globe**—Very productive, easily pulled; an excellent keeper; spherical in shape; orange-yellow. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 30c.; 5 lbs. for \$1.25.

**Red Globe**—Similar to Yellow Globe, except in color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 30c.; 5 lbs. for \$1.25.

**MAMMOTH LONG RED**, also called **Norbitan Giant, Jumbo Mangel, Colossal, etc.**—A large, well-formed variety; blood-red color; exceedingly nutritious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 30c.; 5 lbs. for \$1.25; 10 lbs. for \$2.25.

LANE'S...



**LANE'S IMPROVED IMPERIAL**—An American variety, and well liked for stock-feeding. It is not so sweet as the French Sugar Beets grown especially for sugar making, but the roots are larger and more symmetrical, of fine grain and very sweet. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 35c.; 5 lbs. for \$1.30; 10 lbs. for \$2.75.

**French Red Top**—Extensively grown in France. Ripens early, and yields large returns in sugar per acre; heavy cropper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. By express—Lb., 30c.; 5 lbs. for \$1.25.

## SUGAR BEETS.

Sugar Beets are not as heavy yielders as the Mangels, but are of superior quality, containing a large amount of saccharine matter; thousands of acres are planted with Sugar Beets for manufacturing sugar. They are excellent for feeding cows, improving wonderfully the quantity and also quality of the milk.

**Vilmorin's Imperial**—A medium sized white Sugar Beet brought by the most careful selection to the highest perfection, both in shape and color of roots. Greatly esteemed by sugar manufacturers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 50c. By express—Lb., 40c.; 5 lbs. for \$1.75; 10 lbs. for \$3.25.

## Swiss Chard.

**Silver or Sea Kale Beet.**—Cultivated for its leaves. The mid-rib is stewed and served as Asparagus; other portions of leaf being used as Spinach. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

# CAULIFLOWER.

German—Blumen Kohl. French—Choufleur. Spanish—Coliflor.

No Seed is more important than Cauliflower. The Price should not be considered.

The culture of Cauliflower is similar to Cabbage. It delights in a rich, moist soil, and in dry seasons should be abundantly watered, especially when heading. Sow seed in the hot-bed in January or February, and transplant the plants 2 or 3 inches apart in boxes, or in the soil of another hot-bed, until such time as they are safe to be planted in the open ground, which, in this latitude is usually from the 15th of March to the 10th of April. Set the plants 2 feet by 15 inches apart. If properly hardened off they are seldom injured by being planted out too early. When heading tie the outside leaves loosely over the head to protect it from the sun. Cauliflower should be kept growing constantly, as it may be injured by a check at any period of growth.

One ounce of seed gives 1,500 to 2,000 plants.

LIVINGSTON'S **SURE HEADER**

SELECT STOCK. **EARLIEST.**

The best of all for forcing under glass. Compact grower, extremely early, sure heading, heads large, solid, and as white as snow. Gardeners who have tested this fine stock invariably pronounce it the most profitable variety for either early or late planting. In short, it is an excellent all-seasons Cauliflower. Price, under our True Blue Seal—Pkt., 25c.;  $\frac{1}{4}$  oz., 90c.; oz., \$3.50;  $\frac{1}{4}$  lb., \$12.00; lb., \$40.00.



LIVINGSTON'S EARLIEST CAULIFLOWER. FINEST IN THE WORLD.

**Large Late Algiers**—A splendid late variety: popular with canners and market gardeners. Seldom fails to produce large, white heads. Pkt., 5c.;  $\frac{1}{2}$  oz., 40c.; oz., 70c.;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.75.

**Half Early Paris, or Nonpareil**—Heads large, white and compact; good for either early or late use. Pkt., 5c.;  $\frac{1}{4}$  oz., 20c.; oz., 60c.;  $\frac{1}{4}$  lb., \$2.00; lb., \$7.00.

**Lenormand's Short-Stemmed**—A large, late, short-stemmed variety, producing well formed heads of excellent quality. Pkt., 5c.;  $\frac{1}{2}$  oz., 35c.; oz., 60c.;  $\frac{1}{4}$  lb., \$1.75; lb., \$7.00.

**HENDERSON'S EARLY SNOWBALL**—One of the best types of Cauliflower on the market. If planted March 1st, large heads will be produced early in June, and scarcely a single head will fail to form. The outer leaves are short, so that the plants may be set from 18 to 20 inches apart. Its compact habit of growth renders it a very profitable variety to force under glass, and it does well for late planting. Our stock cannot be excelled in quality. Pkt., 25c.;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.50; oz., \$2.75;  $\frac{1}{4}$  lb., \$9.00; lb., \$32.00.

**Danish Snowball**—Growing in favor with market gardeners. Pkt., 20c.;  $\frac{1}{4}$  oz., 75c.;  $\frac{1}{2}$  oz., \$1.35; oz., \$2.40.

**EXTRA EARLY DWARF ERFURT**—The favorite German variety. Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. Sure header. Pkt., 15c.;  $\frac{1}{4}$  oz., 65c.;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.25;  $\frac{1}{4}$  lb., \$7.50; lb., \$28.00.

**Veitch's Autumn Giant**—The heads are beautifully white, large, firm and compact, and being thoroughly protected by the foliage, remain longer fit for use. Pkt., 5c.;  $\frac{1}{2}$  oz., 25c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50; lb., \$5.75.

W. C. GRIMES, Washington Co., Pa., March 23, '97, writes: "We have ordered seeds from you for the last Fifteen Years and have never had a failure yet."

# CABBAGE.

French—*Choux Poemcs.* German—*Kopf Kohl.*  
Spanish—*Repollo.*

Cabbage or Cauliflower it is important that plants be set down to the first leaf, so that the stem may not be injured in case of frost. Be careful not to cover the heart of the plant. Hoe every week and stir the ground deep. As they advance in growth draw a little earth to the plants until they begin to head. To prevent splitting or bursting of cabbage go frequently over the ground and start every cabbage that appears to be about to mature by pushing them over side-ways, which breaks some of the roots and checks its growth. To prevent the attacks of Cabbage Fly on small plants, dust thoroughly with plaster, air-slacked lime, or use wood ashes, freely over the young plants. For the Cabbage Worm try **Slug Shot.** (See Insect Destroyers in back of this catalogue.)

One ounce of seed produces about 2,500 plants. Four ounces will grow enough plants to set an acre.

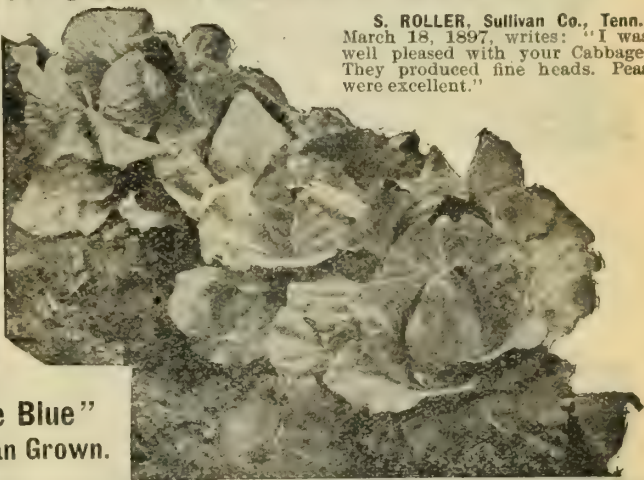
## LIVINGSTON'S SUPERIOR CABBAGE SEED.

I. W. MEADOWS, Garfield Co., Col.,  
Oct. 15, '97, writes: "My Cabbage  
has been the finest I ever saw."



"True Blue"  
American Grown.

S. ROLLER, Sullivan Co., Tenn.,  
March 18, 1897, writes: "I was  
well pleased with your Cabbage.  
They produced fine heads. Peas  
were excellent."



"I have been cutting fine Jersey Wakefields for two weeks. I have a block of 10,000 All-Head Early. I wish you could see—it is simply immense; in another week I can take it row by row and cut every head."—Bartholomew Co., Ind., June 29, 1897.—G. RUBOTTOM.

**ALL-HEAD EARLY (True)**—A thoroughbred sort, on account of its remarkably uniform size and shape, and its reliability for heading. The deep flat heads are solid and uniform in color as well as in shape and size. The main feature of a good cabbage is *tenderness*, and in this respect it is unsurpassed for winter use. Seed sown in July, and the plants set out about the middle of August, will bring heads, large and solid, which are sure to winter well. By reason of its compact growth and absence of loose leaves, fully one thousand more heads can be obtained to the acre than of most other varieties of good size. Set the plants 18 inches apart in rows, with 3 feet between the rows, and 9,680 plants can be set on an acre, 95 per cent. of which, in an ordinary season, and with reasonable cultivation, will make good merchantable heads. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

**EXTRA EARLY EXPRESS**—The *Earliest Cabbage in the World.* While not as large as Jersey Wakefield, it is several days earlier, and for a first early variety can not be excelled. It resembles the Etampes in character and appearance, having solid, compact heads of conical form, of yellowish-green color; very dwarf and uniform; desirable as a quick forcing sort. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Very Early Etampes**—The earliest of all Cabbages except Express. Heads oblong, rounded at top, solid and firm, medium size, very fine quality. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**LARGE WAKEFIELD, or Charleston Wakefield**—A selection from Early Jersey Wakefield, only it is about a week later than that popular early variety, but grows much larger, heads often averaging 15 to 18 pounds, as solid as Winingstadt and exceeding it as a sure header and in earliness. Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.50.

## LIVINGSTON'S IDEAL WINTER CABBAGE.

This variety is a few days earlier than *Livingston's Premium Flat Dutch*, and is certainly one of the most magnificent strains of Late Flat Dutch known to-day. By persistent selection, year after year, it has been brought to a state of perfection rarely attained. The large, solid heads, the low, short stems, the absence of useless foliage, the uniformity of size and shape, the reliability for heading, and the long continued selection mentioned above, all combine to make this

THE IDEAL CABBAGE FOR PROFIT.

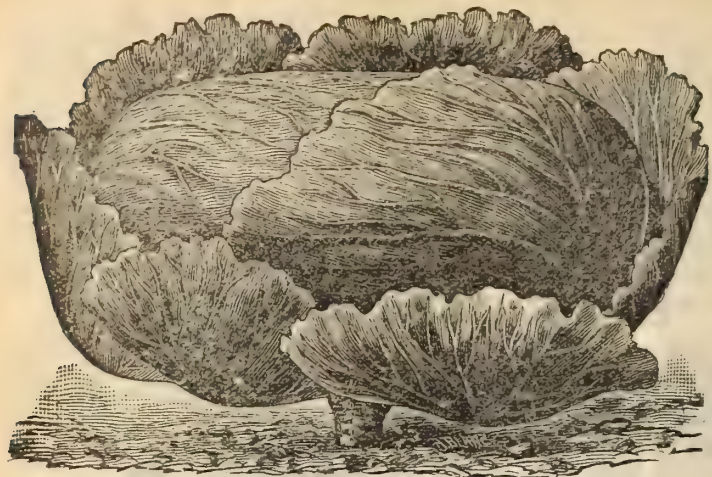
Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

THOS. L. DODSON, Perry Co., Ohio. "I can recommend your Ideal Cabbage very highly. I think there is none better. All the seeds got from you gave good satisfaction."

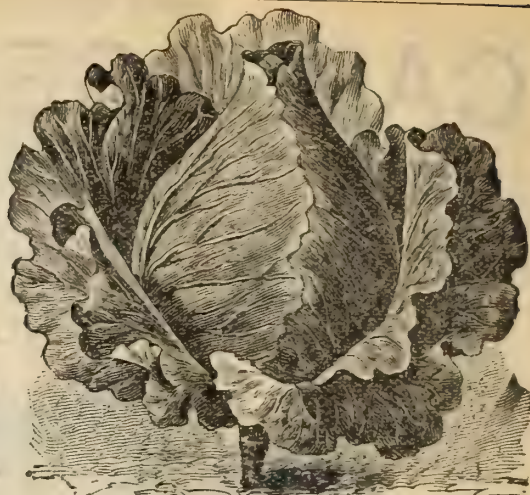
**EARLY JERSEY WAKEFIELD—Selected Stock**—Many market gardeners consider this the *very best Early Cabbage* in cultivation. It is certainly deserving of its great popularity, and is grown extensively for market and shipping. Its merits are many, among which may be mentioned its large size head for an early sort, small outside foliage, and uniformity in producing a crop. Heads are pyramidal in shape, having a blunted or rounded peak. This is the sort mostly used for wintering over in cold frames. *The seed we offer is first-class and sure to give satisfaction.* Pkt. 5c.; ½ oz. 10c.; oz. 20c.; ¼ lb. 60c.; lb. \$2.00.



LIVINGSTON'S IDEAL WINTER CABBAGE.



LIVINGSTON'S PREMIUM FLAT DUTCH CABBAGE.



EARLY WINNINGSTADT CABBAGE



BURPEE'S SUREHEAD CABBAGE.



HARD HEADING, OR LUXEMBURG CABBAGE.



CHASE'S EXCELSIOR CABBAGE.



NEW LUPTON CABBAGE.

## LIVINGSTON'S

## Premium Flat Dutch Cabbage.

Over ten years ago we set out to build up a strain of Large Late Flat Dutch Cabbage that would be better than any other on the market. We are strongly convinced that we now have it in our SELECT PREMIUM FLAT DUTCH. Our purpose has been to weed out every objectionable point, and to fix firmly every good quality. It produces many tons to the acre, because of its solidity and compact, snug manner of growth. Unlike most large sorts, it is solid to the heart. Seeds have been grown *always from heads* (not from stalks after the heads were taken off) fully developed and perfect in every respect, this strain has a most vigorous constitution. For the winter market it has no superior. Heads are large and very solid; they open white, crisp and tender, and with good cultivation is sure to head. Grown largely by marketmen on account of its good shipping qualities. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 65c.; lb., \$2.50; 2 lbs., \$4.50, *postpaid*.

**HENDERSON'S EARLY SUMMER**—Selected Stock—Is about ten days later than the Wakefield, but being fully double the size, it may be classed as decidedly the best large Early Cabbage, and is deservedly popular with market gardeners. In weight it is equal to most of the late varieties, and its short outer leaves allow it to be planted nearly as close as the Wakefield. It keeps longer without bursting open after heading than any variety we know of. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Henderson's Succession**—About one week later than the Early Summer, but nearly double the size, while it can be planted nearly as close, its outer leaves being unusually short. One of its characteristics is the fact that it is *always sure to head*. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**EARLY WINNINGSTADT**—The Old Standby—Well known and very popular everywhere; in season very close to the Wakefield. Heads large, decidedly conical, leaves bright, glossy green; heads solid and hard, even in summer. This is a very sure heading variety, valuable not only for early use but also for winter cabbage. As near *worm proof* as any cabbage in the list. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**GENUINE SURE HEAD**—Is a very reliable header, large, round, flattened heads of the Flat Dutch type; a good keeper and shipper; exceedingly popular. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

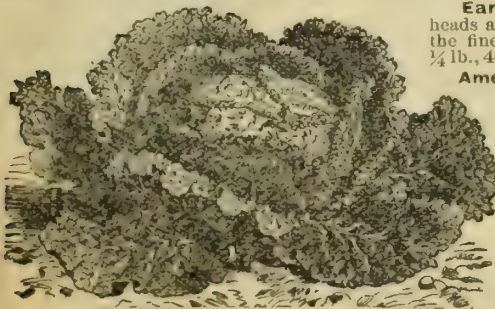
**ALL SEASONS**—A greatly improved strain of Early Flat Dutch. Heads very large, round, solid, and of fine quality, keeping as well as the winter sorts. Plants very vigorous, but sure heading. Remarkable for its ability to stand the hot sun and dry weather. *One of the very best sorts for general cultivation, and none better for late planting.* Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.40.

**Early Louisville Drumhead**—A favorite about Cincinnati and Louisville, where it has been grown for more than forty years. Heads very large and solid; a sure header; will stand without bursting almost the entire summer. For winter use, sow late in the season. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Chase's Excelsior**—A medium early variety, following Early Summer, but with heads almost double the size. It can be planted (as a second crop) twenty days later than the Flat Dutch, and still mature almost as many pounds to the acre. It is very uniform in type, sure to head, and is exceedingly solid. Few varieties produce so many well-formed, large, solid heads from the same number of plants. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

## SAVOY CABBAGE.

The Savoy or Curly Cabbages are of much finer flavor and quality than the best of other kinds, and should be more generally cultivated. They are particularly adapted for private use, where quality rather than quantity is considered. Grown in the fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.



A SAVOY CABBAGE.

**Early Paris Savoy**—The best early Savoy. The heads are firm, solid, beautifully crimped, and of the finest quality. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**American Drumhead Savoy**—A late Savoy and far superior to the ordinary imported Drumhead Savoy. Heads large and very finely curled; short stalk, compact grower; excellent keeper. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Marvin's Large Savoy**—This distinct and most excellent variety originated with a Long Island trucker, and is the finest of the Savoy class. It is very uniform, solid, very curly and a sure header (ninety to ninety-five per cent.) Its flavor is unsurpassed by any late cabbage. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Filderkraut**—A solid and sure heading German variety. Heads pointed conical; resembles the Winingstadt, but is larger and more pointed. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Gregory's Cannon Ball**—One of the best early sorts. The heads are round, hard, solid and heavy. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Marblehead Mammoth**—Largest cabbage in the world. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**NEW LUPTON**—Of perfect type, reliable header, strong constitution, early maturity, large size and complete adaptation to all purposes of the farmer or market gardener. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Luxemburg**—True American—Owing to its many remarkable keeping properties, and the fact that the head remains as green as when gathered in the fall, it is the king of all cabbage for late keeping in the spring. For spring and late spring sales, when cabbages usually bring their highest price, this is the cabbage. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Danish Ball-Head, or Hollander**—Known also as "German Export," and "Dutch Winter." This cabbage has been grown and selected for more than fifty years by Danish gardeners. Heads are hard, round, of good marketable size, fine grained and long keepers. A head trimmed ready for market weighs at least one-fourth more than any other variety of same size. One of the hardest, enduring drouth and frosts that would kill other varieties. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**Large Late Flat Dutch**—Grows to a large size, the flat, solid heads often weighing fifteen to twenty pounds. A sure header and a good keeper over winter; extensively grown for shipping. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Autumn King**—One of the finest strains of Late Cabbage ever offered. It produces regular, even heads of enormous size, and can be relied upon to produce a greater weight of crop from the same space of ground than most of the late sorts, from the fact of its producing so few outer leaves. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**World Beater**—A very large autumn or winter cabbage, "solid as a rock," true to type, sure to head, fine grained and tender, stalks short, foliage dark green with brownish tinge. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Fottler's Short Stem Brunswick**—A rapid grower, has large, solid heads and but few outside leaves. If planted early it is ready for use in July or August; planted late it is a choice winter sort. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Early Deep Head**—An improvement over the old Fottler cabbage, and a magnificent variety. It makes a larger and thicker head, hence it is better to keep over winter, "peeling" well in the spring. The best second early cabbage we ever raised. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Early Dwarf Flat Dutch**—An excellent second early variety, producing fine large heads after the first early varieties have disappeared. Highly valued both for its fine quality and ability to resist heat. Heads very solid, broad and round, flattened on top; tender and fine grained. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Bridgeport Drumhead**—Very popular about Chicago, and shipped more largely than any other from that market; it seems to possess all the points desired by large growers. *Our seed is right, but not so exorbitant in price as some.* Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Large American Drumhead**—A very superior fall and winter variety, large solid heads. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Stone Mason**—The old reliable late market sort, with short stems and fine large heads. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

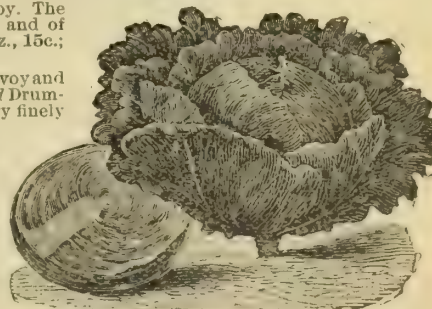
**Louderback's All-Year-Round**—One of the finest Early Drumheads now grown. Heads large, compact and solid; very short stem, is hardy, and can be sown at any time during the cabbage planting season and will head up to the satisfaction of the grower. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

## RED CABBAGE.

**Extra Early Blood Red Erfurt**—The earliest and redest of all reds. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Red Drumhead**—Heads large, rounded in shape, hard, and very deeply colored at the heart. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Mammoth Rock Red**—Heads as large as the Flat Dutch, deep red to the center; highly recommended. Hard as a rock. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.



RED, OR PICKLING CABBAGE.

# Livingston's Celery Seed.



## CELERY.

German—*Sellerie*. French—*Celeri*. Spanish—*Apis*.

**CELERY CULTURE**—Celery can be successfully grown with but little labor, in any good garden soil, by using plenty of well rotted manure with a liberal sprinkling of coarse salt worked into it, and this mixture should be put into the trenches, working it well into the soil, at least two weeks before the plants are transplanted into them. It delights, however, in low, moist, rich bottom land, or well-drained muck soil. It is usually grown as a second crop.

**Crowing the Plants**—It is not necessary to sow the seeds in a hot-bed or cold frame, as it is apt to run to seed if started too early, but sow in the open ground as soon as it is fit to work in April, and an additional sowing or two between this date and May first will insure a plentiful supply of good plants. Sow in rows so that it can be kept free from weeds. Prepare the soil well and cover the seed very shallow and firm the soil well after sowing; also keep very moist until the seed germinates. After coming up the plants should be partially shaded for a week or ten days, and see that the soil does not get too dry. When two inches high thin and transplant to three inches apart. To insure good "stocky" plants, the tops should be cut back, to within say two inches of the crown, when about four inches high.

**Transplanting**—The evening is the best time, and especially if after a shower; otherwise give them a good watering and you will lose but very few plants. Remember that it is essential that the soil be pressed firmly about each plant when set out, especially if done in a dry time; the old method of setting in deep trenches is a thing of the past. Some of our most successful growers set on the level surface, while others prefer a broad, shallow trench, only three or four inches deep. These trenches should be at least three feet apart for the dwarf, and not less than four feet for the larger sorts; set plants in single rows not over six inches apart in the trench. Transplanting is done about the middle of June for the first early, and as late as the middle of August for the latest. Keep well cultivated, and in about six weeks "handling" should begin (never do this when wet from rain or dew). This is done to make the celery grow upright. The soil is drawn to the row from each side with an ordinary hoe. Now take all the leaves of the plant in one hand and with the other draw the soil around it, pressing firmly, being careful that no soil gets between the leaves, as it is apt to cause rust, or rot the plant. In about two weeks, or as often as it is necessary to keep the leaves in this upright position, more soil should be drawn to the row.

☞ One ounce of seed produces about 2,000 plants.

For fuller details on growing, storing and marketing celery, send for the best and most complete work ever written on the subject—"CELERY GROWING AND MARKETING A SUCCESS"—handsomely bound in cloth, and fully illustrated, published by one of the largest and best growers of high-grade celery in Michigan; 50c., postpaid, or it will be sent free, on request, to any one purchasing \$5.00 worth of Seed at prices quoted in this Catalogue.

**GOLDEN SELF-BLANCHING**—For early use preferred by many to all other sorts; as self-blanching as White Plume, and simply needs a slight earthing up. The entire plant is of an attractive yellowish-green color, and as it approaches maturity the inner stems and leaves become a beautiful waxy golden color. It grows to good size, is very tender, crisp and solid, and when well grown is of excellent quality and very beautiful. Invaluable to the gardener and exceedingly popular with every planter. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**NEW ROSE**—The red and pink celeries have been deservedly gaining in popular favor for several years past, because they are hardier and better keepers than the yellow and white sorts, and because of their superior flavor and crispness. The New Rose combines with the above fine qualities, handsome appearance, which renders it an attractive ornament to the dinner table, the heart and stem being shaded to a fine rose color, entirely free from stringiness, keeps well, and is a good one for late use. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 60c.; lb., \$2.25.

**GIANT PASCAL**—A green leaved variety which, developed from the Golden Self-Blanching, retains the beautiful color, the thick, solid, crisp stalks, and the incomparable flavor of that variety, but is of stronger growth, also larger, producing perfectly blanched stalks which are never in the least stringy. It is unequalled for rich, nutty flavor. Blanches very easily and is "brittle as a pipe stem." The quickness and ease with which it is bleached is remarkable, as only earth enough to hold it in an upright position is required. A fine keeper, an excellent shipper, retaining color and fresh appearance as long as any other. A great favorite with southern growers. For midwinter and early spring it is excellent. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

**DWARF GOLDEN HEART**—A distinct variety of sturdy dwarf habit. It is solid, an excellent keeper, and of fine, nutty flavor. When blanched, the heart, which is large and full, is of a light yellow, making it an exceedingly showy and desirable variety for either market or private use. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**GIANT GOLDEN HEART**—Produced by careful selection and high culture from the Dwarf Golden Heart, by one of the best celery growers in this country. In quality, appearance and large size it is unsurpassed. We recommend it as one of the best late varieties for the market gardener, while its fine flavor and rich color make it very desirable for private use. It is very hardy and held in high esteem among gardeners everywhere. Pkt., 5c.; ½ oz., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

**Crawford's Half Dwarf**—When blanched it is of rather a yellowish white, and is entirely solid, possessing the nutty flavor peculiar to the dwarf kinds, while it has much more vigor of growth. Pkt., 5c.; ½ oz., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

G. T. RUBOTTOM, Bartholomew Co., Ind., writes June 29, '97: "My Celery is doing fine. I will have WHITE PLUME ready for market by August 1st. I am not yet done setting; will have about 150,000 out."

HIGH  
GRADE  
CELERY  
SEED  
ONLY.

# WHITE PLUME CELERY.

It is Early, Handsome, of Good Flavor and Fine Texture. The Most Profitable and More Largely Grown than All Other Varieties Combined.

It is almost self-blanching; naturally its stalk and portions of its inner leaves and heart are so white that by closing the stalks, either by tying or simply drawing the soil up against the plant and pressing it together, the work of blanching is completed. In appearance it is very ornamental. It is unsurpassed for fall and early winter use. It is a good keeper up to the holiday season; but for later use we would advise growing some of the more hardy kinds offered in this list. We have made a specialty of **White Plume** ever since its introduction, and are supplying many of the largest growers throughout the country. *We know our seed of this variety is not excelled in quality and purity.* **Selected White Plume**—Packet, 5c.; large packet, 10c.;  $\frac{1}{4}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

## PINK PLUME CELERY.

This new variety is practically identical with White Plume, excepting that the stalks are suffused with pink, and possessing the crispness, rich nutty flavor, and long keeping qualities peculiar to red sorts. The appearance is extremely attractive, and the quality simply perfect. The habit of growth is strong and vigorous, and with no tendency to rust. Its self-blanching qualities are the same as White Plume. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

## PERLE LE GRAND CELERY.

The New Perle Le Grand is handsome, stocky and robust, and its close habit is always admired. Its beautiful, full, golden heart, and rich nutty flavor, are unsurpassed by any other variety. It is a good early Celery, being among the first fit for use, and remains, when properly trenched, in perfect condition away into the spring. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Kalamazoo**—The most perfect type of Dwarf White Celery known. It is perfectly distinct, and is of a beautiful cream-white color; attains a very large size; is of quick growth; stiff, close habit, the outer ribs standing straight and perfect; is a very solid, crisp-eating and delicious variety. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

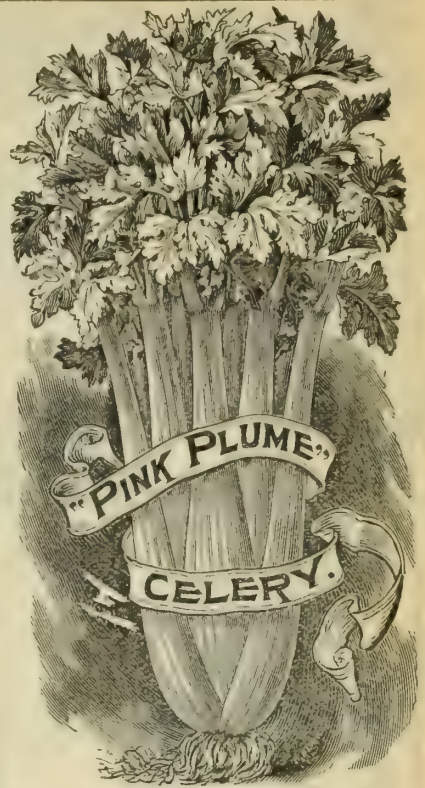
**Boston Market**—A vigorous grower, and very branching; an excellent keeper, and is remarkably tender, crisp and solid. The best variety for light soils. A late keeper. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Perfection Heartwell**—The stalks are medium sized, round, very solid, crisp and tender. A favorite with many. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Giant White Solid**—Fine, large size, tall and of stiff growth. Branches white and crisp. Pkt., 5c.;  $\frac{1}{2}$  oz., 10c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

**Dwarf White Solid**—Dwarf, white, of stiff, close habit; solid, crisp and juicy. Said to keep in good order later in the season than any other variety. Pkt. 5c.;  $\frac{1}{2}$  oz. 10c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.50.

**Flavoring Celery (Old Seed)**—Used for flavoring soups, pickles, etc. *Postpaid*—Oz., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 40c. *By Express* (at buyer's expense)—Lb., 30c.; 4 lbs., \$1.00.



**CELERY PLANTS.** Ready about June 1st. Apply for our Vegetable Plant List, which is mailed free as soon as issued in mid-summer. Write us for prices no matter whether you want 100 or 100,000 plants.

## CELERIAC. Turnip-Rooted Celery.

Sow the seed in the same way that Celery seed is sown. Transplant in rows two feet apart and nine inches in the row. Thorough cultivation is necessary to secure good roots. The roots may be cooked or used as a salad.

**Apple-Shaped**—An early, smooth variety. The roots are shaped like an apple; of good flavor. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.25.

**Giant Smooth Prague**—A very large and smooth variety, free from side roots. A desirable sort for market, and an excellent keeper. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.

## CRESS, OR PEPPER GRASS.



WATER CRESS.

A well-known pungent salad; can be used alone or with lettuce. Requires to be sown thickly (covering very lightly) at frequent intervals, to keep up a succession, as it soon runs to seed.

**Extra Curled (Pepper Grass)**—May be cut two or three times. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 50c.

**Upland Cress**—This is a hardy perennial, stays green nearly the whole year, and is ready for use before any other salad in the spring. Eaten like Lettuce or boiled like Spinach. It has the highly prized flavor of the Water Cress. Sow in April in rows one foot apart. Pkt., 10c.; 3 pkts. for 25c.

**Water Cress**—This is a well-known hardy perennial aquatic plant sold in immense quantities in our markets in spring. It is easily grown by planting along margins of ponds

and streams, where it increases both by spreading of the roots and by seeding. It has a particularly pleasant pungent taste. Pkt., 10c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

### 16 INCHES IN 52 DAYS.

H. C. DRAKE, St. Joseph Co., Mich., writes: "The Celery is excellent. I never had the success with any other that I have had with the seed purchased of you. Celery matured sixteen inches long, blanched to the tips, in fifty-two days from planting."

## CORN SALAD, OR FETTICUS.

German—*Lammersalat.*

French—*Mache.*

A vegetable used as a salad. It is sown on the first opening of spring in rows one foot apart, and is fit for use in six or eight weeks from sowing. If wanted in early spring, sow in September, cover with straw or hay as soon as cold weather sets in. Can be grown in cold frames, covered with straw mats or shutters, and used any time during the winter. **Large Leaved**—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

## CHICORY.

**Large Rooted**—Used to mix with or as a substitute for coffee. The culture is the same as for the Carrot. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

## COLLARDS.

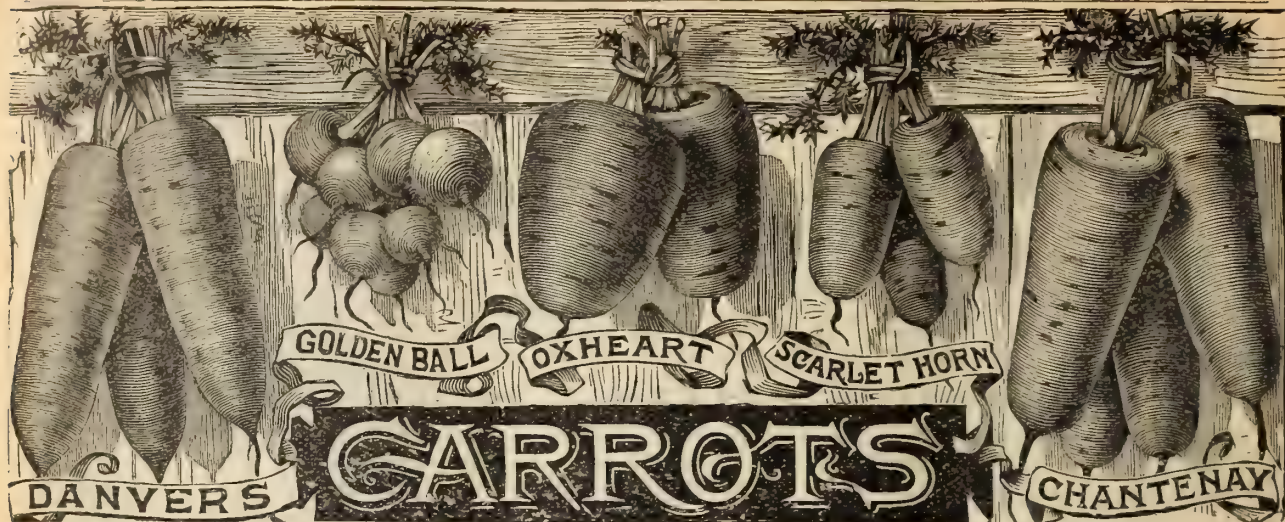
A plant of the Cabbage family. It is well adapted to the South, enduring extreme heat; very popular; excellent for greens.

**True Southern**—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

P. H. SHAFER, Marion Co., Fla., writes: "I have tried all kinds of Celery and find the **WHITE PLUME** and **PERLE LE GRAND** Celery Seed I get from you are the best."

### 10 CENTS MORE PER DOZEN.

J. P. DUNN, Kootenia Co., Idaho, writes: "I have been growing Celery for four years, and have grown all kinds, and grown what they called **WHITE PLUME**, but never saw any as fine as yours. I am marketing now and it is no trouble to get 10 cents more on the dozen."



French—Carotte.

German—Mochren.

Spanish—Zanahoria.

**The Carrot**, like other root crops flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Should be sown in early spring in drills from 15 to 18 inches apart, finally thinning plants to about 3 or 4 inches apart in the drill; keep clean by frequent hoeing and weeding. If neglected the young plants are easily smothered, and your crop is lost. The seed is slow to germinate, and if sown early or on moist soil half an inch is deep enough to cover the seed. One ounce sows 150 feet of row. Four pounds will sow an acre.

**Very Early Scarlet or Golden Ball.** Also called **Earliest Short Horn**—This is the earliest Carrot in cultivation, and is used almost exclusively for forcing. Small tops and tap root; as round as a turnip; small size; very rich orange color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Early Scarlet Short Horn**—Stump-rooted; second in size; one of the most popular for forcing and early outside sowing. Flesh deep orange, fine grained; agreeable flavor; top small. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Nantes' Early Half-Long Scarlet**—Improved stump-rooted. Horn large, sweet, fine flavored, almost without a core; very fine grained; excellent for home garden or market. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Chantenay**—A stump-rooted variety somewhat resembling the well-known Nantes Carrot, but having a larger shoulder, and is much more productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Intermediate Red** An excellent new English sort. It is smooth, and nearly the Danvers in size; flesh very close in texture, and almost without core; fine cropper. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Oxheart, or Cueurande**—Intermediate length; fully 3 to 5 inches in diameter; quality extra good. Where other sorts require digging, Oxheart can be easily pulled. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 60c.

**Danvers**—One of the most productive and best for field culture. Tops medium, roots dark orange colored; large, but of medium length, tapering abruptly at the point; very uniform and handsome; flesh deep orange with yellow center; sweet and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Improved Long Orange**—A standard late variety, handsome and uniform in shape; deep orange color; good flavor; yields heavily. It requires a deep soil, and the plants should stand eight inches apart in eighteen inch drills for roots to attain their full size. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

## BELGIAN CARROTS.

These Carrots are largely grown in Europe for feeding stock, especially horses, by which they are much relished. They grow about 20 inches long, are enormously productive, keep well; very nutritious.

**Large Orange Belgian**—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.; 3 lbs. for \$1.25.

**Long White Green Top**—Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 15c.; lb., 45c.; 3 lbs. for \$1.25.

German—Gurke.

French—Cucumber.

Spanish—Cohombro.

# CUCUMBERS.

As soon as the weather becomes settled and warm, plant in hills from 4 to 6 feet apart each way, with 8 or 10 seeds in each hill; cover half an inch deep, smoothing the hill off with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave 3 or 4 plants to the hill. For pickles, plant from first of June to first of August. The fruit should be gathered when large enough, whether required for use or not, as, if left to ripen on the vines, it destroys their productiveness. Cucumbers forced under glass turn yellow quickly, sometimes from effects of over-feeding and from the use of manures that are too quick; on this account cow manure is preferred to horse manure.

One ounce of seed for fifty hills. One to two pounds for an acre.

## LIVINGSTON'S EVERGREEN CUCUMBER.

NO BETTER FOR PICKLES.

Introduced by us in 1890, and now well-known the country over, and is catalogued by all of the largest seedsmen, and generally admitted to be the best pickle sort offered, possessing every qualification required in a perfect Pickle Cucumber. It is very hardy and withstands drouth, and bears very profusely until frost. One grower says it bears four to one compared with the standard sorts. It is a very strong grower, extra early, and bears firm, crisp fruits, which are excellent for slicing. When ripe it is yellow—not white, as some have mistaken it. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 3 lbs. for \$2.00, postpaid.

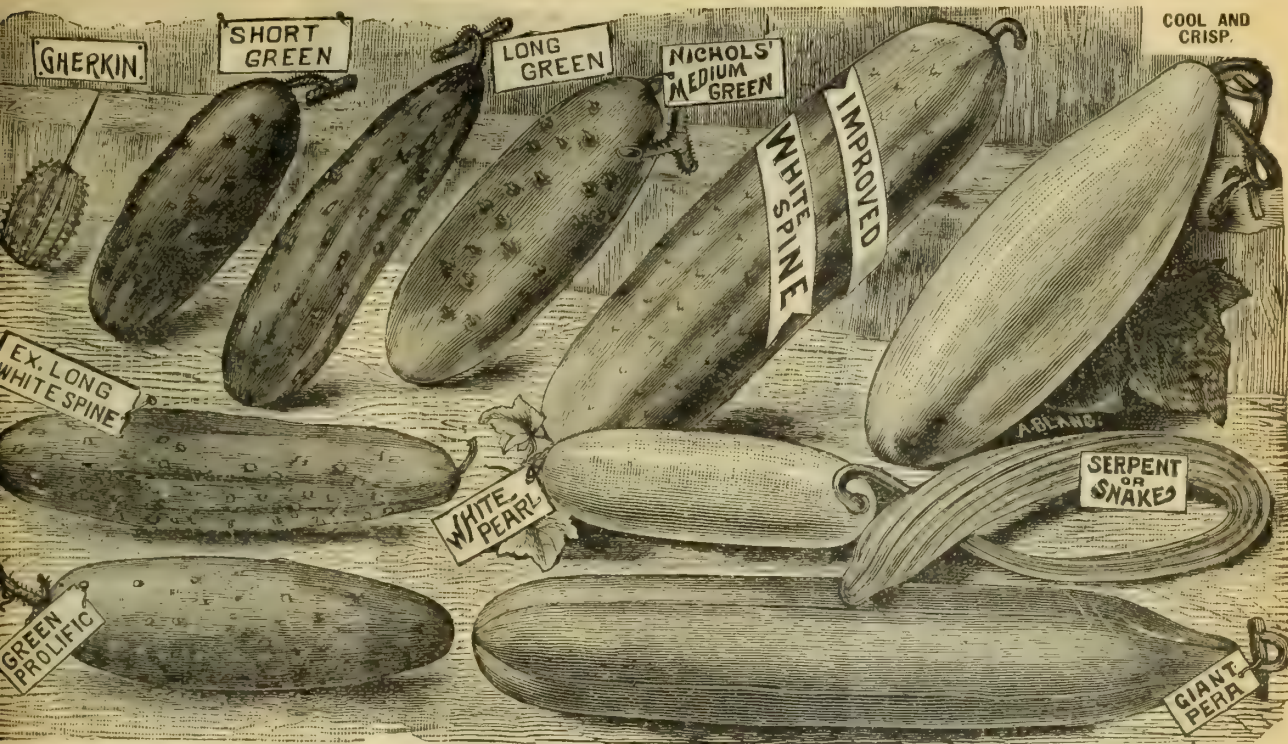
LIVINGSTON'S EVERGREEN.



LIVINGSTON'S EVERGREEN PICKLING CUCUMBER.

Quotations for Larger Quantities of Cucumbers and Carrots will be made on request.





COOL AND CRISP.

**JAPANESE CLIMBING**—See Novelty Pages. Pkt., 5c.; oz., 10c.

**Extra Early Russian**—The earliest; small, hardy and productive; excellent for small pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Thorburn's Everbearing**—Small sized; very early, productive, and valuable as a pickler. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Improved White Spine, or Arlington**—For market use and pickling this variety is much superior to the old White Spine. Our stock is the true Boston strain. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Extra Long, or Evergreen White Spine**—Longer than the Peerless; of fine quality; makes a good pickle; used quite extensively for growing under glass. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Albino**—A fine white skinned sort; excellent for home use. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

**White Pearl (Japan White)**—A beautiful pearly white; even the young fruits are of a very light color; tender, crisp in taste, and of splendid quality for forcing. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Improved Long Green**—Long and crisp; a popular and reliable variety for pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Chicago, or Westerfield Pickling**—Popular with Chicago market gardeners, and extensively grown in that vicinity. Medium length, slightly pointed at each end, with very large and prominent spines; color, deep green. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Peerless White Spine**—One of the finest. Fruit large size, straight, and well formed, full at both ends; productive; skin deep green, holding color until maturity. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Giant Pera**—This magnificent variety is of most delicious flavor; flesh white, very crisp and tender at all stages, and can be eaten at any time during growth. Of enormous size, frequently eighteen inches in length and ten inches in circumference; very smooth and straight, with beautiful skin free from spines. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

**Bismarck**—A cross between Long Green and White Spine; longer than the latter, and very desirable in shape and color. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 55c.

**Nichols' Medium Green (Headquarters' Stock)**—This Cucumber we obtained from a neighbor, Mr. H. Nichols, twenty years ago, and after several years' careful growing and selecting, offered it to the public in 1883. Color dark green; flesh crisp and tender; medium size; always straight and smooth; a real handsome and prolific variety. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Early Green Cluster**—A short, prickly variety, bearing in clusters; very prolific; good for table use and fine for bottle pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Boston Pickling, or Green Prolific**—Its characteristics are its uniform growth, hardly ever yielding cucumbers too large for pickling, and its immense productiveness. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early Frame, or Short Green**—A popular variety of medium size. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Jersey Pickling**—Popular in New Jersey. Intermediate between the Long and Short Green, forming a long, slender, cylindrical pickle; very crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Serpent, or Snake Cucumber**—A remarkable and very interesting curiosity. The cucumbers grow curled up like a snake, with the head protruding, and sometimes are several feet in length. The illustration represents their shape; the quality is fair. Pkt., 10c.

**Cherkins (True West India)**—Used only for pickles. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

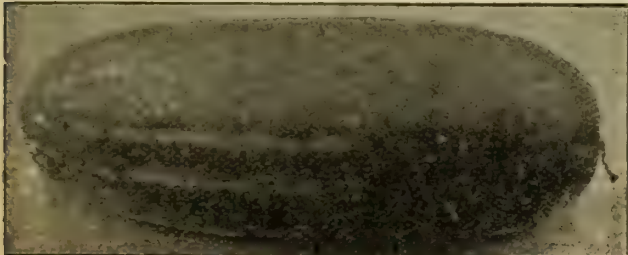
**ENGLISH FRAME OR FORCING CUCUMBERS.**

**Noa's Forcing**—Most excellent sort, and prolific. Pkt., 15c.

**Rollison's Telegraph**—Grows about eighteen inches long, bright green color, perfectly smooth. Pkt., 15c.

**Livingston's Extra Early White Spine.**

This Private Strain of Extra Early White Spine is one we have had for over thirty years, and is, beyond a doubt, the most thoroughbred, uniform and shapely variety known. We recommend it not only for first early but for general crop. It excels in earliness, often being ready for slicing when other sorts are only pickles. In purity it is unequaled. The vines are vigorous growers. It is an excellent variety for slicing and makes a choice pickle; straight and smooth; a great bearer, keeps green much longer than the yellow varieties, and no sort excels it in crispness and fine flavor. Our Southern friends will find this variety most admirably adapted to their wants on account of earliness and beauty of form and color. **SELECTED SEED**—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.; 3 lbs., \$2 25, *postpaid*.



LIVINGSTON'S EXTRA EARLY WHITE SPINE CUCUMBER.

**QUART AND PINT PRICES**

Include postage; if to go by Express, at buyer's expense, deduct 15c. from quart, or 8c. from pint prices below  
Half-Pints mailed, postpaid, for 10 cts.

**SWEET CORN.**

French—*Mais*.  
German—*Welschkorn*.  
Spanish—*Maiz*.

**OHIO GROWN SEED SWEET CORN IS UNEXCELLED BY EITHER EASTERN OR WESTERN GROWN.**

The Sweet, or Sugar Corn, varieties being liable to rot in cold or wet ground, should not be planted until May, or when the ground has become warm, and for a succession plant every ten days or two weeks until the last week of July, in hills 2x3 feet for the early kinds, and 3x3 feet for the large late kinds. Some plant in drills 3½ feet apart and 8 inches in the row. Give frequent and thorough cultivation. One quart plants 200 to 300 hills. Eight or ten quarts for an acre.

Half-Pints of the following varieties, 10 cents, postpaid.

**EXTRA EARLY VERMONT**—Of superior quality, handsome ears, white cob and kernel. One of the best we have ever grown. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.50.

**Extra Early Cory**—One of the earliest varieties of Sweet Corn known. Has a large ear, considering size of stalk, small cob, well filled with broad grains. It is larger eared, and at least one week earlier than the Marblehead. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

**White Cory**—Identical with Extra Early Cory except in color, kernels and cob being white. This removes an objection some have on account of color. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

**First-of-All**—A selection from the Cory and claimed to be earlier. Reports of customers and comparative tests give it the lead by about one week. It is of good quality, being tender and sweet. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.75.

**Extra Early Adams**—Hardest and earliest Sweet Corn known. It is not a Sugar corn, but on account of its being largely sold for table use we class it among the Sugar Corns. It can be planted earlier than any other; ear short, grain white, indented. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

**Early Adams**—Similar to Extra Early Adams; larger, but not so early. Often used for the table, particularly in the Southern States. Also a splendid corn to grow for early feeding purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

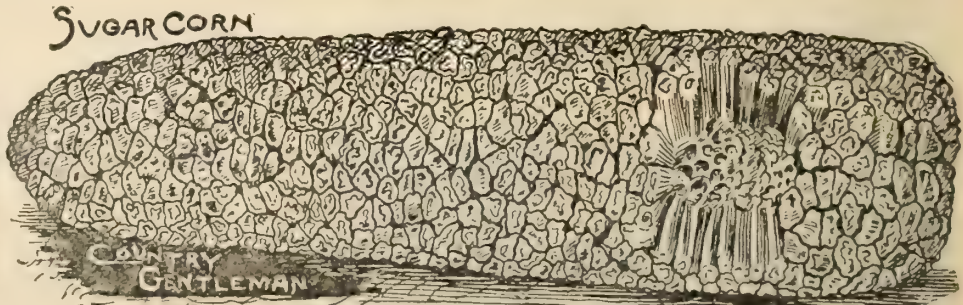
**BURLINGTON HYBRID**—Is not a pure Sweet Corn, but as its quality is much better than the Adams Corns, and its size and appearance ahead of any Sweet Corn of its season, it will be seen that when it comes into market it practically has no competitor. Being a cross between Adams' Extra Early and some variety of regular Sweet Corn, it combines extra earliness with good quality. Its productiveness far surpasses Early Adams, producing ears double the size and nearly double the number. It has a Sweet Corn husk, while the Adams husk resembles field corn; every marketman knows that this is a decided advantage. No progressive gardener should fail to grow this corn largely. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 60c.; bus., \$2.00.

**HANCE'S EARLY CORN**—Introduced by us in 1895. It has handsome, long, shapely ears, a small cob well filled with broad white showy kernels. The habit of growth is strong, vigorous and prolific, but not tall. It comes into the market closely after the extra early kinds, but is vastly superior to them in quality. A profitable variety for early planting. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

**Early Minnesota**—One of the earliest, and highly esteemed for its excellent qualities. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 70c.; bus., \$2.50.

**Country Gentleman Sweet Corn.**

**Country Gentleman, Improved Ne Plus Ultra, or Shoe Peg**—By careful selection a variety has been obtained which produces ears of about double the size, and of the same delicious quality as the original. The ears are produced in great abundance. The cob is very small, giving great depth to the kernels, which are pure white. But the great merit of the Country Gentleman is its delicious quality. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.75.



Special Prices by Letter for Larger Quantities.

**NEW COLUMBUS MARKET and EARLY GIANT SUGAR CORNS, SEE NOVELTY PAGES.**

# Livingston's Four Sweet Corns.

## LIVINGSTON'S EVERGREEN SUGAR CORN. RED COB.

This variety we introduced *over thirty years ago* and is now a general favorite with marketmen throughout the United States. It is a first-class **second early** corn, and can be planted hereabouts as late as the first week in July. It is very productive; has large, well filled ears, with broad kernels and very small cob, filled well over the tip; **very sweet** (none sweeter). Outsells in this market every other variety. A good cropper, grows only 6 or 7 feet high, and, maturing early, it makes a very profitable food crop for hogs, milch cows and other stock when early feeding is desired and at a time when other feed is short. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.75; 2 bus. for \$5.00.

## LIVINGSTON'S EVERGREEN SUGAR CORN. WHITE COB.

While we state that we worked industriously fifteen seasons to produce this corn, it will be quickly seen why we take such great pleasure in introducing it. To make a long story short, it is simply our old Livingston's Evergreen with a white cob instead of a red one. This removes the only objection ever urged against our old standby, which has stood its ground for over 30 years, notwithstanding its red cob. We presume we would be safe in saying that thousands of gardeners have expressed the opinion that if our Evergreen had a white cob it could never be surpassed as a market corn for table use. The new **White Cob** strain lacks not one of the good qualities of the older sort from which it sprung, and we believe it will be endorsed by every Corn Grower, whether for home use or sale in market. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.75; 2 bus. for \$5.00.

## LIVINGSTON'S GOLD COIN.

This grand, new and decidedly distinct Sweet Corn, which we introduced seven years ago, is no old variety under a new name. It has given great satisfaction up to date and has been universally pronounced decidedly distinct from anything ever sent out before, besides being one of the best Sweet Corns in existence. We have never seen a corn that will approach it in evergreen properties. Its yield is enormous, almost invariably yielding two, and very frequently three, mammoth ears to the stalk. The cob is very white, completely covered with large, very deep, handsome and toothsome kernels, which, as they grow too hard to eat, take on gradually a beautiful rich yellow color. Besides being a good table corn, it is profitable to grow for feeding stock. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 90c.; bus., \$3.00; 2 bus. for \$5.50.

## LIVINGSTON'S SILVER COIN.

**The Canner's Favorite.** First introduced by us three years ago, and all who have grown it since verify every claim made for it. It certainly excels in two very important points, **productiveness and quality.** It has a much larger and more uniform ear than the well-known Stowell's Evergreen, is fully as early and much more productive, having two and three ears to the stalk, while that sort has but one and two. It is strictly an evergreen sort; in remaining long in edible condition it ranks with our celebrated Gold Coin, which is admitted to be the most "everlastingly evergreen" of all Sweet Corns. It is almost impossible to ripen and cure it for seed, there being nothing but hull and "chit" left after being thoroughly dried for seed purposes. Pkt., 5c.; pt., 20c.; qt., 35c.; peck, 75c.; bus., \$2.75; 2 bus. for \$5.00.

## SWEET CORN FOR FODDER.

There is nothing better for green feed, or for curing for winter, than Sweet Corn. Cattle highly relish it, and when fed on it keep in fine condition and give an abundance of milk. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. Also excellent for soiling. Sow thickly in drills, or broadcast, at the rate of two or three bushels per acre. Peck, 50c.; ½ bus., 75c.; bus., \$1.40; bag of 2½ bus., \$3.00; 2 bags, \$5.50; 4 bags, \$10.00. **No charge for Bags.**

**PRICES FOR LARGER LOTS ON APPLICATION.**

**FIELD AND POP CORN,**  
See Farm Seed Department.

## DANDELION.

Dandelion resembles the Endive and is extensively cultivated for early greens; blanched, it makes a good salad. It is quite a profitable crop to grow under greenhouse benches. The roots, when dried and roasted, are often used as a substitute for coffee. Seed should be sown in May or June on warm, rich soil, in drills half an inch deep, and eighteen inches apart. Plants ready for use the following spring. When grown for the roots only, sow in September, and cultivate well for one year, when the roots are ready for digging.

**Large Leaved**—Leaves fully double the size of the common Dandelion. A great advance over the old variety. Pkt., 10c.; oz., 50c.; ¼ lb., \$1.50; lb., \$5.00.



LIVINGSTON'S SILVER COIN SWEET CORN.



LARGE-LEAF DANDELION.

# EGG PLANT.

French—*Aubergine*. German—*Eierpflanze*. Spanish—*Bereugena*.

The Egg Plant should be more generally grown, for when well grown and properly cooked it is a most delicious vegetable. The seeds germinate slowly and should be started in flats or boxes in a strong, uniform heat, and kept constantly growing, because the young plants seldom recover if checked in their growth. Sow the seed in hotbeds or warm greenhouse in March or early April; if no hotbed is at hand they may be grown in any light room where the temperature will average 75 degrees. When the plants are two inches high, or have formed two rough leaves, transplant them in beds three or four inches apart, or, what is better, prick off into two-inch pots, and later shift to four-inch size and plunge them. Keep the bed closed and very warm, shading from the direct rays of the sun, and giving abundance of water until

the ground is warm and all danger from frost and cold nights is past then harden the plants by gradual exposure to the sun and air, and increase the supply of water; transplant to the open ground late in May or June into warm, rich soil, from two to three feet apart each way, according to the richness of the soil. When about a foot high draw the earth up to the stems. They thrive in any good garden soil, but repay liberal treatment. Care should be used in cutting the fruit so as not to disturb the roots of the plants.

**HOW TO COOK—Fritters**—Cut into slices of one-fourth to one-half inch thickness, pare off the rind, put into a dish with a layer of salt between the pieces, beginning with a layer of salt in the bottom of the dish, letting them stand three or four hours; or the slices may soak in salt water for eight or ten hours. Then dry each slice with a cloth or towel. Fry in a batter of eggs and flour, seasoned to taste, or dip in beaten egg and roll in bread crumbs, and fry slowly in hot butter until a rich brown; serve hot. **Fried**—Cut in slices crosswise not over half-inch thick, parboil in salt water about fifteen minutes, then fry in hot butter and lard.

*All up-to-date gardens are incomplete unless Egg Plants are represented.*

## LIVINGSTON'S MAMMOTH PURPLE EGG PLANT.

(See Second Page of Cover.)

**LIVINGSTON'S MAMMOTH PURPLE**—(Spineless)—**Northern grown**—This splendid variety we obtained by very careful selection and extra cultivation, beginning with a true strain of New York Improved Large Purple. The process of improvement was carried on for years, until we now have the finest strain of Mammoth Egg Plant that we have any knowledge of. While immense size was one of the main objects kept in view we did not lose sight of other valuable points essential in a first-class market variety. It is quite early for such a large sort and is a sure cropper. The plants are large, vigorous and productive. Fruit very uniform in color and shape; very large, usually seven to nine inches in diameter, but sometimes specimens are grown that measure

ten inches. Skin a very handsome dark purple, smooth and glossy. Flesh white, of superb quality. We pronounce it **the best Egg Plant in cultivation—no exception.** It is very important that growers have the best seed and variety obtainable, for if poorly grown, irregular in shape, or green in color, they are quite unsalable, and your time and money is wasted. **Selected Seed, postpaid**—Pkt., 10c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.75.

R. A. Conkling, Brevard Co., Fla., writes: "I procured an ounce of your Mammoth Egg Plant Seed, and I must tell you how delighted I have been with results. I only set 120 plants, 119 grew. I had gathered six barrels when we had quite a hard frost, but came out immediately and I have sold 200 bushels and have used them constantly on my table. They are certainly all you claim for them. I will plant no other."

**New York Improved Large Purple**—The leading variety known by marketmen everywhere; fruit large, smooth, deep purple; flesh white, good quality. The stock we offer is fine New Jersey grown. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 85c.; lb., \$3.00.

**Early Long Purple**—Hardier and earlier than New York Purple, succeeding further north. Fruit from six to nine inches long. Dark purple, good quality, and one of the best varieties. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Black Pekin**—Entirely distinct from all other varieties, both in habit and fruit. The fruit is very dark purple, almost black, nearly round, large size, smooth and glossy, flesh white and very solid, fine grained and delicate flavor; matures early, prolific, very handsome, and a popular variety for market. Pkt., 10c.; oz., 30c.;  $\frac{1}{4}$  lb., 90c.; lb., \$3.00.

**PEARL WHITE EGG PLANT.** The plant is a large, vigorous grower, and comparatively free from thorns. The fruit is pure creamy white, with slight shadings of a very light green near the stem, thus being of more attractive appearance than the purple sorts; beautiful in shape, resembling somewhat the purple variety. In eating quality it is very superior, delicate, fine grain and well flavored. It makes one of the most palatable dishes, either fried or baked. Pkt., 10c.;  $\frac{1}{2}$  oz., 25c.; oz., 40c.;  $\frac{1}{4}$  lb., \$1.50.



PEARL WHITE EGG PLANT.

## ENDIVE.

Its leaves make a splendid salad when properly blanched, and one that is very useful, as it comes in after lettuce is gone. It may be grown at any season, but is usually grown for use late in the fall. For an early crop sow in April, in drills fifteen inches apart, and later thin out to twelve inches in the rows. It can also be sown in beds and transplanted to the above distance after attaining sufficient size. The main sowings are made in June and July. Ordinary good soil and cultivation are all it requires. When nearly full grown it is blanched in the following manner: Gather up the leaves and tie them by their tips in a conical form, thereby excluding the light and air from their inner leaves, which then blanch to a beautiful yellowish white. This process takes two to five weeks, according to the temperature, blanching fastest in warm weather. Another method is to lay clean boards right over the plants which exclude the light and air. Tie up at different times, as it only keeps a short time after blanching. For winter use take up with earth and store in frames or a dry cellar. One ounce sows 100 feet of drill.

**Ever White Curled**—By far the most beautiful variety. Plants moderately dense; leaves coarser than those of the Green Curled; but the midrib is yellow and the leaves frequently almost white, so that the plants are very attractive, and always bring the highest prices on the market. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35.

**Early Green Curled**—The variety most cultivated. Leaves dark green, broad and curly; tender and crisp in quality; somewhat earlier and more hardy than other varieties. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Moss Curled**—A beautiful curled variety somewhat resembling moss; dark green in color; quality fine. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.50.



EVER WHITE CURLED ENDIVE.

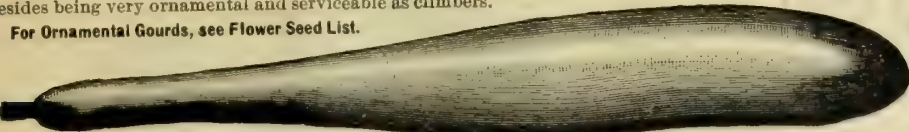
**Broad Leaved Batavian**—Has broad, thick, slightly wrinkled leaves forming a large head which is preferred for stews and soups, but if the leaves are gathered and tied at the top, the whole plant will blanch nicely, and make an excellent salad. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Large Green Curled**—(Mammoth)—Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$1.75.

# Gourds.

The Gourd is a tender annual and should not be planted until all danger from frost is over, and not less than six feet apart each way, in good rich loam. The following varieties will be found useful for household purposes, besides being very ornamental and serviceable as climbers.

For Ornamental Gourds, see Flower Seed List.



HERCULES CLUB GOURD.

**Hercules Club Gourd**—Grows four to eight feet long. Pkt., 5c.  
**Nest Egg Gourd**—(Japanese Nest Egg)—These resemble a hen's egg in color, shape and size. They do not crack, are not injured by cold or wet, and make the best nest eggs. As the plant is a rapid growing climber, it is very useful in covering screens, etc., being quite ornamental. We have a very pure stock of this variety to offer this season, and can recommend it. Pkt., 5c.; oz., 30c.; ¼ lb., \$1.00.

**Sugar Trough, or Sap Bucket**—Selected Stock—Grows to a very large size; holds from four to ten gallons each, having hard, thick shells, which are very strong, but light and durable, lasting for many years. They are used for a great variety of purposes, such as buckets, baskets, soap and salt dishes, nest boxes, etc., and have been used for packing land. They are as easily grown as pumpkins. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.



SUGAR-TROUGH GOURD.

**Bath Sponge, Dish Cloth, or Japanese Luffa Gourd**—A natural dish cloth, and a most admirable one, is furnished by the peculiar lining of this fruit, which is sponge-like, porous, very tough, elastic and durable. Many ladies prefer this dish cloth to any other. The fruit grows about two feet in length, and the vine is very ornamental, producing clusters of large yellow blossoms, in pleasing contrast with the silvery-shaded, dark green foliage. In the North this variety should be started very early in hot-beds or otherwise. Pkt., 5c.; oz., 40c.

## Dipper Gourd

Can be used for dippers, the handles being from 9 to 12 inches long, and they hold from a pint to 2 quarts. When grown on the ground the handles will be curved as in the engraving, while if grown on a trellis or a tree their weight will cause them to grow straight. Very convenient for hot liquids, as the handle does not heat through readily. They are easily prepared and last for years. Pkt., 5c.; oz., 25c.; ¼ lb., 75c.



We sell one packet each of the above Gourds for only 20 cents, prepaid.

## GARLIC.

German—*Knoblauch*. Prepare the ground as for onions; plant the bulbs in early spring, in drills twelve inches apart, four inches in the row, and cover two inches deep. Esteemed by many for flavoring soups and stews. Bulbs (postpaid), oz., 5c.; ¼ lb., 15c.; lb., 30c. By express (not paid), lb., 20c.; 3 lbs., 50c.; 10 lbs., \$1.40.

## GHERKINS.

**West India Cherkin**—(True)—Also known as **Jerusalem Pickle**. Very small, oval, prickly variety, quite distinct from all others. It is grown exclusively for pickling; it is the smallest of all the varieties of Cucumber, and should always be picked when young and tender. The seed is quite slow to germinate, requiring sometimes ten to twelve days. Pkt., 5c. oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

## HERBS.

Herbs in general delight in a rich, mellow soil. Sow the seeds early in spring in shallow drills, one foot apart; when up a few inches thin out to proper distance or transplant. Care should be taken to harvest them properly. Do this on a dry day, just before they come into full blossom; dry quickly in the shade, pack close in bottles or dry boxes to exclude the air entirely. Varieties with \* are perennials.

	Pkt. oz.	Pkt. oz.	
Anise.....	5 10	*Lavender.....	5 15
*Balm.....	5 25	*Pennyroyal.....	10
Bene.....	5 15	Pot Marigold.....	5
*Bohnen Kraut.....	5 15	*Rosemary.....	5 30
Borage.....	5 15	*Rue.....	5 15
*Caraway.....	5 10	Saffron.....	5 10
Catnip or Catmint.....	5 35	Sage-lb. \$1.75; 4 ozs. 50c.	5 15
Coriander.....	5 10	Summer Savory.....	5 10
Dill.....	5 10	Sweet Basil.....	5 15
*Fenugreek.....	5	Sweet Marjoram.....	5 15
*Fennel.....	5 10	*Tarragon.....	10
*Henbane.....	5 20	*Thyme.....	5 20
*Horehound.....	5 25	*Winter Savory.....	5 20
Hyssop.....	5 25	*Wormwood.....	5 15



THE NEST EGG GOURD

## HORSE RADISH.

The best Horse Radish is produced from small pieces of roots four or five inches in length. These small roots will produce good Radish fit for use in one season's growth. Plant the set small end down, where the slanting cut is, so that the top will be two inches under the soil. The soil should be very rich and well cultivated. It is hardy and may be left in the ground until spring before digging. A part of the crop may be pitted late in the fall if desired. A dozen roots will give all that will be needed for family use; as it constantly increases, it is best to plant it in some out-of-the-way corner of the garden. A very profitable crop for market gardeners to grow. By mail (postpaid), 5 cents each; dozen, 25c.; 50 for 60c.; 100 for 90c. By express (not paid), 100 for 75c.; 300 for \$2.00; 500 for \$3.00.



Prices for 1,000 and upwards given on application.

## KALE.

German—*Blatter Kohl*. French—*Chou Vert*. Spanish—*Berton*.

Borecole, Kale, or German Greens, are general terms applied to those classes of cabbage which do not form heads, but furnish an abundance of pretty curled leaves that are very ornamental and highly prized as food. Some of the varieties are the most tender and delicate of the cabbage family, and would be much more extensively grown if their excellent qualities were generally known. Can be grown in almost any soil, but the richer it is the better the product. Sow from the middle of April to the beginning of May like cabbage; transplanted and cultivated the same as cabbage. They are more hardy than cabbage, and will endure considerable frost without injury.



DWARF GERMAN CURLED KALE.

**Dwarf Green Scotch Curled**—Is very dwarf and spreading. The leaves are beautifully curled and of a bright green.

Hardy; will remain over winter in any place where the temperature does not fall below zero. A decided improvement upon the old tall Scotch. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

**Half Dwarf Moss Curled**—A particularly fine variety possessing all the merits of both the tall and dwarf kinds; of compact, bushy growth; the foliage is light green and toward the center yellowish green. The edges of the leaves are so beautifully crimped that it resembles fine curled Parsley, and can be used for garnishing. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Siberian Kale, German Greens, or "Sprouts"**—extensively grown as winter greens; sow in September in rows one foot apart, and treat in every way as Spinach; it is very hardy and is ready for use in early spring. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**German Dwarf Purple**—A dwarf, compact plant composed of a mass of large, finely frilled leaves of a deep purple color. Tender and of excellent quality. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.20.

SPECIAL PRICES MADE FOR ANY LARGE QUANTITY.

## KOHL RABI. Turnip Rooted Cabbage.

German—*Kohlrabi*. French—*Chou Rabe*. Spanish—*Calde Nabo*.

When young and tender they are fine for table use; when matured they keep well and are excellent for feeding stock. For early use sow in hot-bed, transplant and cultivate like early cabbage. For winter use sow the middle of June or first of July, in rows 18 inches apart, transplanting or thinning out to 8 inches in the row.

**Earliest White Vienna**—Smooth, short leaf, excellent for forcing, and of fine quality. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$1.75.

**Early Purple Vienna**—Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.10.



KOHL RABI.

# LETTUCE.

German—*Lattich Salat*. French—*Laitue*.

good, rich ground, to rows 18 inches apart, and 8 inches in the rows. For a later supply plant every two weeks from the middle of April until July, choosing varieties according to their heat resistance. If sown outside, to be cut young, sow thickly in drills or broadcast; but if fine, strong heads are desired, sow in drills  $\frac{1}{4}$ -inch deep, 18 inches apart, and thin, rather than transplant, to 12 inches apart in rows.

One ounce of seed makes 2,500 plants.



ICEBERG LETTUCE.

**MORSE LETTUCE**—While this Lettuce could hardly be called a hard-heading variety, yet the large bunch of leaves grow so compact as to cause the inside leaves to blanch. The outside leaves are a bright green color, while within they are a beautiful straw color. Tender, crisp and juicy. We recommend it for early spring and summer use. Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**Black-Seeded Butter**—Similar to Tennis Ball, but larger. Extensively used as an outdoor variety; excellent in flavor; comes early. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Golden Yellow Stonehead**—A fine variety with very solid heads of great beauty. As early as Tennis Ball, but has larger heads; unsurpassed for table use; good for forcing or earliest spring crop. Pkt. 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Early White Cabbage**—This old reliable variety is very tender, has large, solid, greenish-white heads, and stands the heat extremely well. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Tomhannock**—Forms a beautiful plant ten to twenty inches high by nine to twelve inches across. The edges of the outer leaves are glossy reddish-bronze; handsomely wrinkled; inside leaves white, very crisp and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**Mammoth Marblehead**—The largest header of any, measuring eight inches across the solid head, or as large as a good cabbage. The heads are very closely wrapped together. The leaves are a lightish green; tender, crisp, and free from any bitterness. Second early. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.40.



Celery Lettuce

## ICEBERG LETTUCE.

A beautiful Lettuce worthy of universal cultivation. The quality is simply perfect. Large curly leaves of bright, light green, with a very slight reddish tinge at the edges. The unusual solidity of the heads is insured by the large, white main ribs of the leaves, each of which curve strongly to the center, making it impossible for the leaves to open outward and expose the center which is constantly thoroughly blanched. Pkt. 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Tennis Ball**—Close, hard, well-formed heads. Leaves green, thick, crisp and tender. One of the earliest, extremely hardy, and well adapted both for forcing and outdoor culture. **Either White or Black Seed**, each, pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.



BLONDE BEAUTY LETTUCE.

**Blonde Beauty**—(Sunset)—A new Summer Lettuce of bright golden tinge and attractive form. Resists heat to a remarkable degree, and is an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. A distinct and superior sort for shipping and the home garden. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Golden Ball**—Distinct, delicate golden-yellow color, which it retains throughout the season. Crisp, tender and excellent in flavor; the acme of perfection for forcing or early spring crop; also, long standing and fit for eating late in the season. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.

**Tilton's White Star**—A universal favorite with gardeners for forcing or outdoor planting on account of having enormously large heads, bright color, crispness and long-keeping qualities. Valuable shipping sort, as it remains a long time in condition for use. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

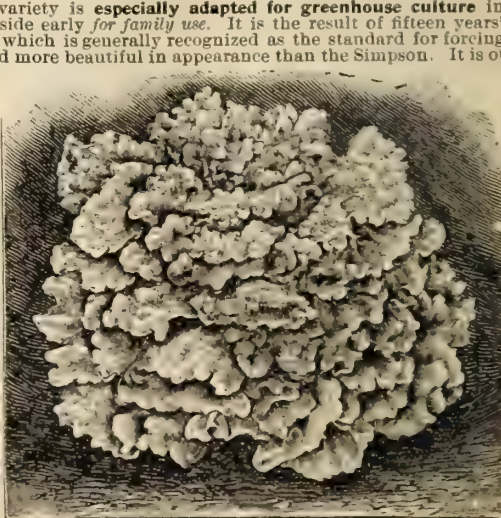
**Buttercup**—The plant is very distinct and attractive; leaves of a beautiful yellow color, and very sweet and tender. The plants are vigorous, do not run to seed until very late and remain in condition for use as long as any other sort. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 40c.; lb. \$1.25.

**Silver Ball**—One of the best all the year round Lettuce that we know of. A variety of excellent qualities; as good for early spring and summer use as winter forcing. The heads are silver white, very firm and compact, with beautifully curled leaves. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**GRAND RAPIDS LETTUCE**—This variety is especially adapted for greenhouse culture in winter; it is also a good lettuce to sow outside early for family use. It is the result of fifteen years' selection from the Black-Seeded Simpson, which is generally recognized as the standard for forcing for the home market. It is superior to and more beautiful in appearance than the Simpson. It is of rapid, upright growth; may be planted close; not liable to rot, standing several days after being ready to cut without injury; retains its freshness a long time after being cut, hence much sought after by dealers, especially shippers; its quality is very desirable. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

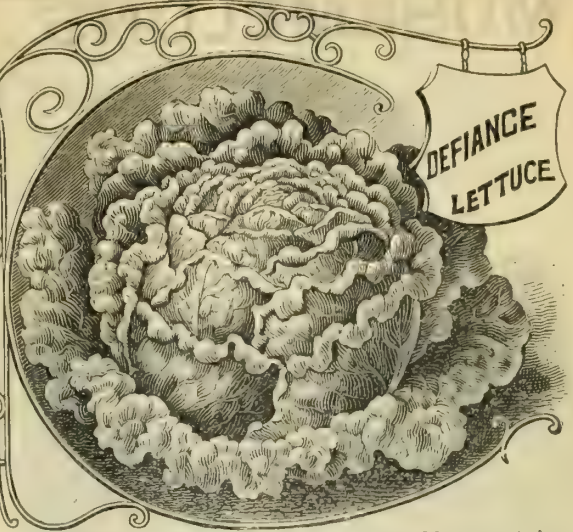
## NEW CELERY LETTUCE

(**TRIANON**)—The favorite class of Lettuce in Europe are the Cos or blanching varieties, and this variety is the finest of its class. The Cos varieties are becoming more popular in this country every year. The long, narrow leaves, which form solid heads, almost like a Wakefield Cabbage, bleach and quickly become snowy white. Excels all others in quality, having a taste and crispness unequalled. The leaves, when blanched, are stiff like Celery stalks, and can be eaten in the same manner. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.



GRAND RAPIDS LETTUCE.

Our New Crisp as Ice Lettuce, see Novelty Pages.



**Our Improved Hanson**—None more reliable for outdoor cultivation. In ground well manured and cultivated, the heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form a seed stalk. The outer leaves are bright green, the inner leaves white and deliciously sweet, tender and crisp, free from any unpleasant bitter taste. The stock we offer is the same as that sold by us for many years, and from the fact that we never get any complaints from it we judge it is unsurpassed and gives entire satisfaction. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Defiance Summer (Perpignan)**—Claimed by many to be a better lettuce than Hanson. It is certainly unequalled for long standing, and one of the finest large-growing cabbage varieties. Its forms very large, solid heads, so firm that they have to be cut open to allow the flower heads to come through when it is desired to have them go to seed. The leaves are a beautiful light green. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**CALIFORNIA CREAM BUTTER**—A grand, good butter Lettuce. The heads are of good size, round and solid, outside medium green, within the leaves are a rich creamy-yellow color; rich and buttery in taste. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Early Curled Simpson**—Does not head, but forms a compact mass of curly leaves of a yellowish-green. It matures earlier than the firm head sorts, hence is very generally grown in cold frames, as an early outside crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



CURLED SIMPSON LETTUCE.

**Black-Seeded Simpson (Curled)**—A very popular sort among market gardeners everywhere. Forms a large, loose head; its nearly white, curly leaves, are large, thin, exceedingly tender, and of very good quality; one of the very best sorts for growing under glass, as well as for early outside planting. Fine for home market, but not so desirable for shipping as Grand Rapids. Pkt., 5c.; oz., 15c.; ¼ lb., 35c.; lb., \$1.00.

**Big Boston**—Resembles the popular Boston Market, but is nearly twice as large; a most desirable variety for forcing in cold frames, and for outdoor planting. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.



DENVER MARKET LETTUCE.

**Denver Market or Savoy**—An early variety of Head Lettuce, either for forcing or open ground. Forms large, solid heads of a desirable light green color. The leaves are beautifully marked and blistered (like Savoy Cabbages), and are very crisp and tender; flavor excellent. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Philadelphia Butter or Early White Head**—A thick-leaved, smooth lettuce, round, dark green leaves, formed into a very solid, round head; stands a long time without running to seed. The inner leaves blanch a rich yellow; quality first-class. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.



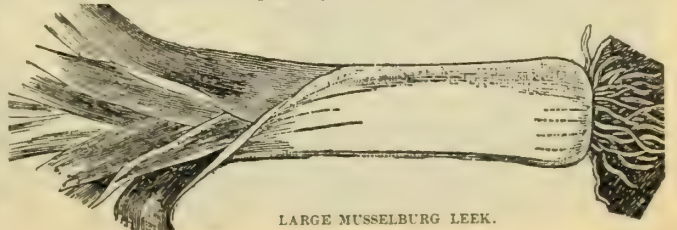
PHILADELPHIA BUTTER LETTUCE.

We can also supply the following well-known Lettuces. Price of each, *postpaid*—Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25:

SALAMANDER,	CURLED SILESIA,	EUREKA BRONZE,
PHILADELPHIA DUTCH BUTTER,	BROWN CURLED,	
BOSTON MARKET,	BOSTON CURLED,	FERRY'S PRIZE HEAD,
OAK LEAF,	YELLOW SEEDED BUTTER,	
	CHARTIER,	SPECKLED,
		PERPETUAL.

# LEEK.

Leeks are especially desirable for soups, and considered by many to have a better flavor than the Onion. Can be cultivated in two ways—either by sowing early in the spring in a seed bed and transplanting, or by sowing outside where they are to grow. If sown in a seed bed, when about six inches high transplant into deep, rich soil, five inches apart; use a dibber and plant deeply, close to their leaves, so that the necks may become blanched; or they may be planted in trenches six inches deep and the trenches filled in gradually as the plants grow; a good watering at the time of



LARGE MUSSELBURG LEEK.

transplanting is very beneficial. If sown outside, sow early in the spring in rows about eighteen inches apart: when four inches high thin to four inches apart. Transplanted plants always produce larger and earlier Leeks.

**Broad Scotch, or London Flag**—An old standard, hardy kind; large, strong plants; broad leaves. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Large Musselburg—(Carentan, or Scotch Champion)**—A favorite market sort of enormous size; leaves large and broad; flavor very mild and pleasant. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50.

**Rouen, Very Large Winter**—A large and excellent variety; good for forcing. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

# MUSKMELONS.

German—Melone. French—Melon. Spanish—Melon.

A rich, sandy soil is most desirable for melons. The seed should be planted when the ground has become warm, in hills six feet apart each way. Old, well rotted manure should be thoroughly mixed with the soil in each hill; put six to ten seeds in the hill; finally, when danger from insects is past, leave three or four of the strongest plants only. If the plants grow very rank the tips of the leading shoots should be pinched off when about three feet long; also, if the fruit is excessive, they may be thinned out, which will cause the melons to ripen earlier and increase the size of the fruit. Melons may be forced like cucumbers, and the practice is growing in favor annually among melon men, as the method becomes better understood, and on account of the large profits gained by having home grown melons in market some days ahead of the outside planting. Cultivate thoroughly and often to keep down the weeds and bugs.

One ounce of seed for 60 hills; 2 or 3 pounds for an acre.



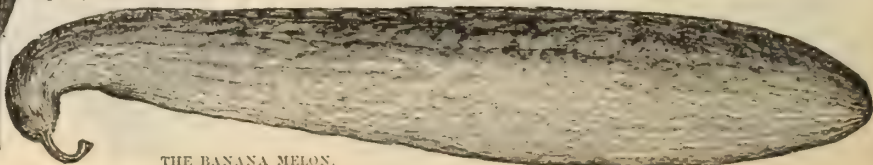
## LIVINGSTON'S MARKET MELON.

Many years were spent in perfecting this decidedly distinct and beautiful melon. A most valuable characteristic is the close, strong netting. Its vigorous growth gives it great hardiness and ability to withstand drouth, blight and bugs. Its beautiful shape and handsome appearance are remarked upon when placed side by side on the market bench or counter with any of the popular sorts of the day. It ripens only a few days after Early Hackensack, is more prolific, more uniform, bears longer, and the fruit is more solid; seldom bursts at blossom end; flavor and quality are all that can be desired. It is green fleshed, with small seed cavity. A valuable sort for a general crop. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.; 3 lbs., \$2.40, *postpaid*.

**THE OSAGE**—A favorite yellow fleshed variety; it is large, oval, slightly ribbed and netted; skin very dark green; flesh a deep, rich salmon, sweet, highly flavored and delicious to the rind; it is very seldom that one of poor quality is found. The whole crop is very even and extra heavy, owing to the thickness of the meat. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



THE OSAGE MELON.



THE BANANA MELON.

**EARLY NETTED GEM**—Extensively Crown—Shape almost a perfect globe, and grows remarkably uniform; thick meated; flesh light green in color, and of fine luscious flavor. Very productive and extra early; is especially adapted for shipping in baskets or crates. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.; 3 lbs., \$1.75, *postpaid*.

**Six Oaks Cantaloupe**—The fruits are of good size and extra heavy; green fleshed, deeply ribbed, well netted, and nearly round in shape; in quality, delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Perfection**—(Princess)—Is quite large, dark green skin, heavily netted, small seed cavity; flesh thick, of a rich orange color, very sweet, watery, and of a most delicious flavor—in short, *about perfection*. Not a good shipper, but sells well in any home market. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Montreal Market**—THE LARGEST ROUND MELON IN THE WORLD, weighing 15 lbs. and upwards (they have been grown to weigh 39 lbs.). To all who wish to grow the handsomest melons possible, and extra large ones for market or exhibition purposes, we recommend this one. Deeply ribbed, skin green and densely netted; flesh remarkably thick, light green, and of good flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Giant Chicago Market**—This fine nutmeg melon is one of the very sweetest; large and very productive; decidedly ribbed; extra well netted; thick, green flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Long Island Beauty**—Of the Hackensack type. Very superior in quality, green flesh, well netted. One of the earliest of all. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Jersey Belle**—An improved Jennie Lind. Double in size, equal in quality. Among the first to ripen. Flattened on the ends, deeply ribbed and heavily netted. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Champion Market**—Very uniform in size and shape; densely netted. The flesh is thick, green in color, and of rich, sweet flavor; very productive. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Extra Early Green Citron**—(First in Market)—The largest of the very early nutmeg melons. Form, nearly round; fairly netted; flesh green, quality, first-class. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Early Green Flesh Nutmeg**—THE OLD ORIGINAL NUTMEG, and one of the very best; highly scented flesh, thick, sweet and fine flavored; of good size and quite early. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Emerald Gem**—Medium size; nearly round; flesh a delicate light salmon color, very thick, fine grained, and of most excellent flavor. The rind is thin, dark green, ribbed, but not netted. One of the best for home use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Large Green Nutmeg**—Round, large size, green flesh. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Bay View**—The leading oblong, green fleshed sort; of large size, prolific, and of fine flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Hackensack**—(Turk's Cap)—Round, well netted, and of large size; flesh green and thick, delicious flavor; beautiful in appearance. Very popular. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Miller Cream**—Ranks high as a market melon, either for home or shipping. The flesh is of rich salmon color, very sweet and melting, and so thick that the melon is almost solid. *Resembles the Osage very much*. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**BANANA MELON**—FROM TWO TO THREE FEET LONG. Yellow fleshed, entirely free from netting; skin, delicate straw color; flesh quite thick and blends from bright green to rich salmon, making a fine and striking contrast; early; quality equal to the common muskmelon, and has a delicious fragrance; reminds one of an over-grown banana. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 90c.

**BLACK PARIS**—A large melon, distinct in form and markings. It is oblong, square ended, weighs from ten to fifteen pounds. Rind black; ribs broad and prominent, skin somewhat netted; flesh deep orange, very thick and excellent in flavor. Very showy and selling well in market. Should be planted on rich melon land. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.

We can supply the following well-known varieties of Muskmelon at the uniform price of 5c. per packet, 10c. per oz., 20c. per  $\frac{1}{4}$  lb., 65c. per lb.

Skillman's, The Banquet, Improved Christiana, Reedland Giant, Delmonico, Cassaba, Long Yellow, Surprise, White Japan, Jenny Lind.

Our TIP TOP and PAUL ROSE Melons are described in the Novelty Pages in the front part of this book.





IMPROVED ROSE GEM MELON.

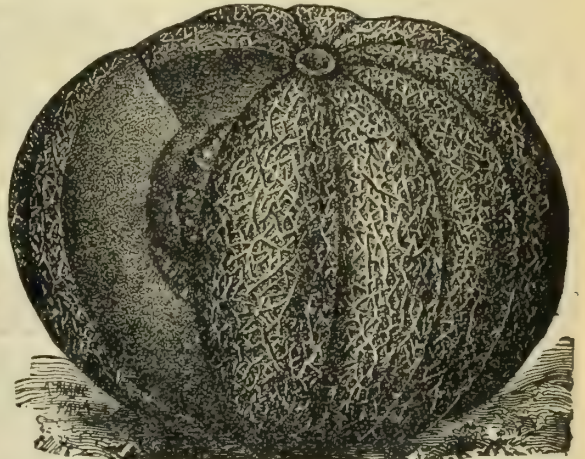
# THE Rose Gem Melon

IMPROVED IN SIZE AND SHAPE.

The illustration alongside is an exact reproduction of a photograph of a tray of this **Improved Extra Early Netted Gem Melon**. The shape, it will be observed, is a little more oval than the original strain, which gives them additional strength to stand shipping. The size has also been improved without losing a day in earliness. As now improved, we regard it as the very best and most profitable extra early melon in existence for market gardeners and shippers, and nothing among the green fleshed varieties surpasses it for quality. The flesh is fine-grained, "smooth as butter," and very sweet. Pkt., 5c.; oz., 15c.; 2 oz., 25c.; ¼ lb., 40c.; lb., \$1.10; 3 lbs., 3.00.

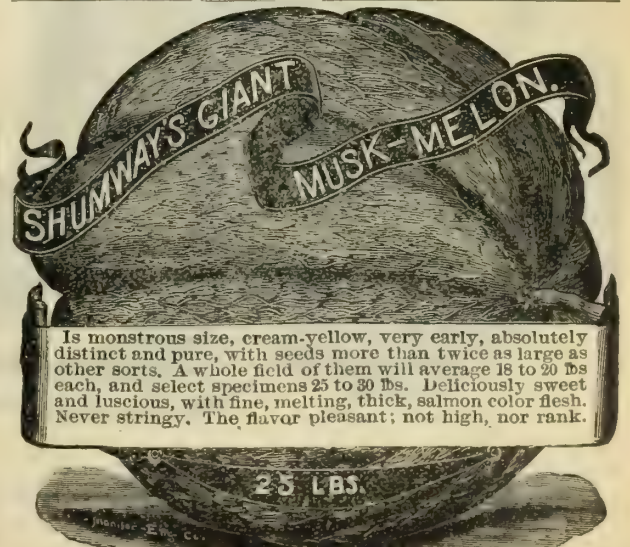
**W. K. Tipton, Pulaski Co., Ark.:** "As a money maker the Rose Strain Netted Gem is the best I have ever grown, and the Tip Top best of the yellow fleshed varieties."

**Mr. W. C. Callahan, Davidson Co., Tenn., Sept. 25, 1896, writes:** "Wish you would make me price on 5 or 10 lbs. of Rose Gem Melon. They are the best melon that was ever placed on the market."



EXTRA EARLY HACKENSACK MELON.

We invite **Shippers and Large Growers** for market to try our stock of **Extra Early Hackensack, Netted Gem, Livingston's Market, Columbus, Baltimore and Osage**. We have an immense trade on these and know we can please you, because **hundreds of your class** favor us with large orders annually.



**Shumway's Giant**—(True Stock)—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

## EXTRA EARLY HACKENSACK MELON.

It produces melons equally as large and with all the good qualities of the well-known Hackensack, but two weeks earlier; heavily netted, and has light green flesh of delicious flavor. Its shape and solidity admit of its being packed very closely in crates for shipment, and it will keep in good condition for several days after picking. The seeds do not shake loose en route as in many other sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.; 3 lbs., \$2.00, *postpaid*.

**THE COLUMBUS**—A *green-fleshed* melon for general crop; ripens about with the Hackensack, and is a heavy yielder. The vines are strong and thrifty, and the melons, if left on the vine a week after they are ready to pick, still retain their good quality. It is strikingly distinct in shape, color, and general markings, and is an excellent **long keeper**. Its beautiful buff skin is covered with a very thick whitish netting. It is almost entirely free from ribs. The flesh is solid and thick, even at the blossom end, leaving only a small seed cavity; never bursts open at either end; can be safely shipped long distances in barrels or other large packages. Its attractive appearance insures ready sales in any market. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**A. W. Smith, Americus, Ga. (Feb. 4, 1897):** "Your Columbus Melon pleased me better as to flesh and flavor than any other. I recommend it for Southern growers."

**NEW TRIUMPH**—This new melon is a cross between the Columbus and the Osage, combining all the good qualities of these two excellent varieties. The beautiful *orange* flesh is thick and luscious; ripens to the rind; medium to large size, and beautifully netted. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Baltimore Nutmeg—Cantaloupe**—Has a beautiful heavily netted green skin; of good size; in shape a desirable and distinct oval, and slightly ribbed; flesh thick, green, very finely flavored, smooth and sweet; very productive, and **never bursts open at blossom end**. It is so solid that it can be shipped in large sized barrels without injury. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

## MUSKMELON. WINTER PINEAPPLE.



This remarkable melon is a native of Cassaba, Asia Minor, where melons of the finest quality in the world are grown, and from whence it was introduced into California by one of our customers. Its unique appearance is quite accurately represented by our cut, the skin being corrugated instead of netted, and in color a rich yellow, tinged with green. Its firm flesh is of a light green color and has a pronounced and agreeable pineapple flavor, is very rich and melting and can be eaten with a relish to the very outer skin. Its most valuable characteristic, however, is its wonderful long keeping quality. The melons seldom ripen on the vine, but should be picked off after the first frost, handled *very carefully*, and stored (like squash-

es) in a cool, dry place, where they will gradually ripen; as wanted for use bring into a warm room for a few days. In this way they can be kept in good condition until late in the winter. Plant in hills 5 x 5 feet, leaving finally two strong vines in a hill. Many specimens weigh from 15 to 16 pounds, and some 19 pounds—*real beauties*. When this melon is fed to hogs, milch cows, etc., good results are sure to follow. The seed we offer was grown by our friend in California, and can be relied on as **STRICTLY FIRST-CLASS**. **Headquarters Seed**—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

# WATERMELON.

German—*Wasser Melon.*

French—*Melon d' Eau.*

Spanish—*Sandia.*

A light, sandy soil, with good exposure to the sun, is the best for Watermelons. It should be prepared deep, but receive shallow cultivation. Hoe often and thoroughly. If extra large melons are desired for exhibition purposes leave but one or two melons on a vine. Plant in hills 8 to 10 feet apart each way, with a shovelful of well-rotted manure mixed with the soil in the hill. If commercial fertilizer is used it should contain a large percentage of ammonia and potash. Plant eight or ten seeds in each hill, and, finally, when danger of insects is past, leave but three strong plants. One ounce of seed for thirty hills; one or two pounds for an acre.

**TRUE ICE CREAM WATERMELON**—The Great Home Market Melon—This Old Stand-by is our best general cropper for the home market; it has too thin a rind for shipping unless packed in straw. We have sold it for many years to our extensive Scioto Valley melon growers, for whom it brings the highest prices, and meets with ready sale regardless of other varieties that may be on the market, because it has become a great favorite with Columbus melon dealers and consumers. Few, if any, surpass a **True Ice Cream** for quality and productiveness. Medium early, fruit oblong, large size; rind, light mottled green; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 3 lbs. for \$2.00, *postpaid*.

Mr. H. E. Markely, Scioto Valley, Ohio: "Your **TRUE ICE CREAM MELON SEEDS** lead all others for purity and germinating qualities; We have used them thirteen years. It outsells any other, and is the best melon grown in this valley."

**KOLB'S GEM**—One of the most successful shipping melons ever introduced, standing shipment long distances without breakage. The flesh is bright red and of good flavor. It is one of the largest (30 to 50 lbs.), most productive and best keeping melons grown. Our stock cannot be surpassed. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.; 3 lbs. for \$1.25, *postpaid*.

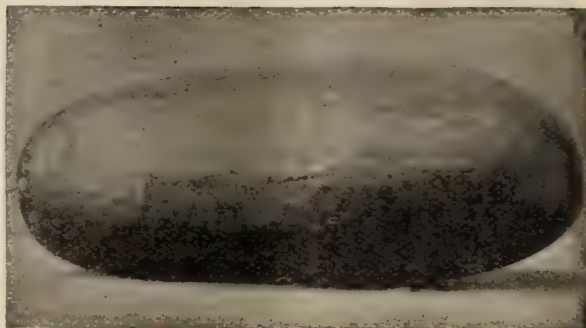
**McIVER SUGAR**—A large, oblong melon of handsome appearance; skin shows broad bands of white, with narrower ones of green. Its soft pink flesh is crisp and juicy, and solid to the center. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.; 3 lbs., \$2.00.

**COLE'S EARLY**—Very hardy, a sure cropper, and extremely delicate in texture of flesh, which is of a dark red color; rind is thin and exceedingly brittle, hence not desirable for shipping purposes; but, possessing all the other most desirable features. We highly recommend it for home use. Medium size, nearly round in shape; rind green, striped with lighter shades. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**HOOSIER KING**—The melons grow oblong and are of an even diameter throughout their entire length. The flesh is brilliant red, very solid, sweet and luscious. The skin is striped light and dark green; the rind is very thin but **extremely hard**, which renders it a **valuable shipping sort**. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**DARK ICING**—Prized on account of its excellent quality; very solid; rind very thin; white seed; flesh sweet and melting. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**JONES' JUMBO**—This variety is from Georgia, the home of the Watermelon. The color of the skin is solid green, and the flesh is a very bright red, particularly sweet, juicy and melting. It grows to a large size, sometimes attaining the weight of **eighty pounds**, with plenty of them at forty to sixty pounds. It is one of the best shipping sorts. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 3 lbs. for \$1.50, *postpaid*.



ICE CREAM WATERMELON.

**IMPROVED DIXIE**—A beautifully striped melon which few, if any, surpass for shipping or equal for the table, the flesh being very red, sweet and juicy. It is all that can be desired in quality, flavor, etc. We wish to call the shipper's attention to the fact that this melon will hold after it is ripe for several days and still retain its excellent qualities. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**FLORIDA FAVORITE**—A splendid oblong melon; ten days earlier than Kolb's Gem; red flesh, of the finest flavor and quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.; 3 lbs. for \$1.50, *postpaid*.

**Green and Gold**—A golden-orange fleshed variety of good size (25 to 30 lbs.); early, productive; rind very thin, the white being only three-eighths to one-half inch thick; the flesh is juicy, very sweet and of delicious flavor. Its rich golden color makes it desirable as an ornament for the table. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Ruby Cold**—A new, large, long melon; the flesh is solid, pure golden yellow, variegated with streaks and layers of bright pink; most delicious flavor and melts in the mouth like cream. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**White Gem**—A round, white skinned variety, resembling the well known Russian Volga; said to have come from China. Extremely hardy and productive, and thrives well in our climate; flesh pink; delicious flavor; rind thin, but very tough and hard. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Preserving Citron**—Red seed; used for sweetmeats and preserves; flesh solid and white. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Colorado Preserving**—Larger than the common Citron, weighing 25 to 40 lbs; flesh very solid, and makes very clear, transparent preserves of fine flavor. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

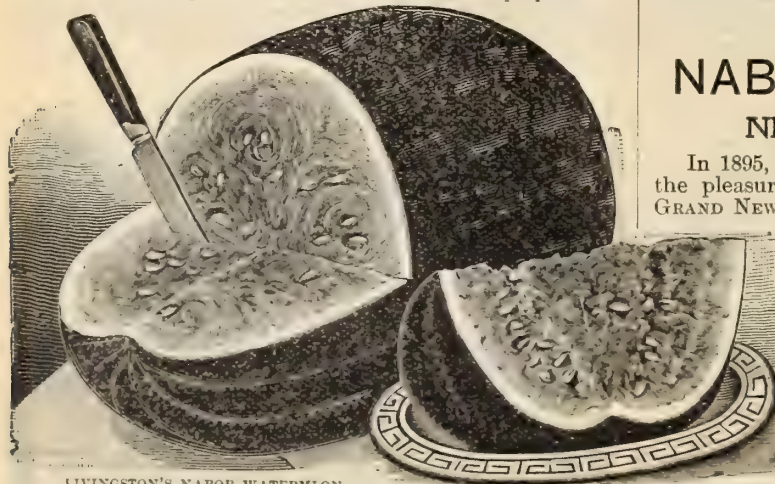
## LIVINGSTON'S NABOB WATERMELON.

NEW, DISTINCT, BEAUTIFUL.

In 1895, after several years of careful selection we had the pleasure of naming and offering to the public this **GRAND NEW WATERMELON**.

**THE BEST  
FOR THE HOME GARDEN,  
FOR THE MARKET GARDEN,  
FOR THE SHIPPING TRADE.**

Its hardy vines are vigorous, healthy and productive, its fruit large and heavy (30 to 50 lbs.), resembles the Kolb Gem in shape and uniformity, but differing in color, being attractively and peculiarly mottled, rather than distinctly striped. The rind, though thin, is very firm. Two average-sized men have stood, bearing their whole weight, on a Nabob weighing 30 pounds, without cracking the rind or injuring the melon. The fruit keeps long in good condition and is not excelled in shipping qualities; seeds dark buff or dun color; flesh deepest scarlet, firm and solid, but melting and of richest flavor. We have had it thoroughly tested on different soils, in various climates, and under unfavorable as well as favorable conditions, and all praise its good qualities. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00; 3 lbs., \$2.50, *postpaid*. **Special prices for larger quantities.**



LIVINGSTON'S NABOB WATERMELON.

R. Fisher, Thompson, Texas: "Your **NABOB MELON** is all you claim it to be. I planted several different kinds of melons this spring, and none did so well as the Nabob. The vines were very strong and vigorous and the fruit was large and solid throughout. I find Nabob is the best for this rich bottom land."



## SWEET HEART WATERMELON.

This new melon is early, large, handsome, heavy and productive. The shape is oval and the color mottled light to very light green. Flesh bright red, solid, but tender and very sweet. We have a very fine stock grown from selected stock seed procured from the originator, hence it is as pure and true as the original. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**SEMINOLE**—One of the best large, long Florida melons. *Early, enormously productive, and of most delicious flavor.* It is of two distinct colors—gray and light green. Melons of both colors are exactly the same in size, shape, color of seed, flavor, etc. Melons of both colors are found on the same vine. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Mammoth Ironclad**—Of immense size, handsomely marked, and oblong in shape; the flesh is red and very solid; the heart is large, and flavor delicious. Heavy yielder. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Ferry's Peerless**—One of the best for the home garden and for market gardeners who deliver direct to consumers. Medium size, flesh red, white seed; quality first-class. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Mountain Sweet**—One of the oldest and best known; skin deep green; solid; large; rind thin; flesh deep scarlet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.



PHINNEY'S EARLY WATERMELON.

## Phinney's Early Watermelon.

Few, if any, of the early sorts of recent introduction surpass this old favorite. It is first to ripen, of good size and productive; shape, oblong; rind, a distinct mottled color; the flesh is a deep red; a first-class early market melon. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Fordhook Early**—Splendid for first planting. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**RED VAUCLUSE**—A large, elongated melon, quite early, flesh bright crimson—the reddest of all; very sweet, not the least stringy; the seeds are also bright red. The rind is a glossy dark green, beautifully threaded with a darker green. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

We can supply the following well-known varieties of Watermelon at the uniform price—Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

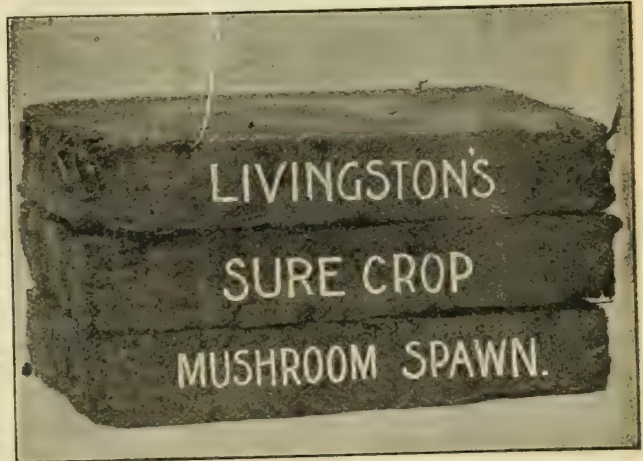
**Stokes' Early, Pride of Georgia, The Boss, Cannon Ball, The Gragg, Light Icing, Cuban Queen, Vick's Early, Delaware, Georgia Rattlesnake, Gray Monarch, Orange, Black Spanish, Christmas.**

## MUSHROOMS.

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at from 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this soil add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say four feet wide. Put down a thin layer and pound it down hard, and go on until you have a bed 12 or 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 or 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about twelve days; then cover the bed with two inches of fresh loam, and over this put four or five inches of hay or straw, and the work is done. If the temperature is right, in six or eight weeks you may expect Mushrooms. The beds will continue bearing from twenty to thirty days. After the first crop is gathered, spread over the bed an inch of fresh soil, moistened with warm water, and cover with hay as before. The main conditions in Mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed two by six feet. We would advise Mushroom growers, especially new beginners, to get a book on the subject, written in full by an experienced grower, such as "FALCONER'S MUSHROOMS AND HOW TO GROW THEM." \$1.50, postpaid by us. We import our Spawn from the best makers in England.

**English Mushroom Spawn**—By mail, *postpaid*—Per Bricks, 30c.; 5 lbs. for \$1.25. By express, *at buyer's expense*, 10 lbs. for \$1.00; 25 lbs. for \$2.40; 50 lbs., 9c. per pound; 100 lbs. or over, 8c. per pound.

**French Mushroom Spawn**—Put up in boxes of 2 lbs. each; price per box, 75c.; by mail, \$1.00; the same loose, per lb., 35c.; by mail, 45c.



## MUSTARD.

German—*Senf.* French—*Moutarde.* Spanish—*Mostazoe.*

Mustard is not only used as a condiment, but the green leaves are used as a salad or cut and boiled like Spinach. Cultivate same as Cress.

**Southern Giant Curled**—This is very highly esteemed in the South where the seed is sown in the fall and plants used very early in spring as a salad. Seed is brown; produces plants two feet high; forms enormous bunches. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 50c.

**White English**—The leaves are light green, mild and tender when young; seed, light yellow. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

**Brown or Black Mustard**—More pungent in flavor than the white. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

**New Chinese**—A giant curled variety with leaves double the size of the ordinary. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

## MARTYNIA.

A hardy annual plant, the seed pods of which, if picked when green and tender, make excellent pickles. Plant in May in the open ground, about three feet apart each way, leaving but one plant in the hill.

**Proscidea**—Pkt., 5c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

E. W. Bonar, Marshall Co., W. Va. April 22, 1897: "For fifteen years we have been using Livingston's Seeds, and as yet have never drawn a blank."

John S. Lester, Woodstock, Conn., Oct. 5, 1896, writes: "Your Extra Early White Spine Cucumber, Crosby's Egyptian Beet, Cincinnati Radish and Tip Top Melon cannot be beaten. I have had the market entirely to myself."

# ONIONS.

German—Zwiebel. French—Oignon. Spanish—Cebolla.

The Seed we offer will grow full-sized Onions the first year.



LARGE YELLOW GLOBE.

LARGE RED GLOBE.

LARGE WHITE GLOBE.

## SUPERIOR ONION SEED.

We take pride in the record of our fine strains of Onion Seed. Having grown Onions for many years, for market as well as for seed purposes, we are in position to fully appreciate the necessity there is for using great care in the selection of the bulbs for seed production. There is no crop which depends more upon the quality of the seed. The seed we offer, we are sure, is not surpassed anywhere, and is thoroughly tested for vitality before it is sent out, so that it is **sure to grow**, where soil and season are favorable, and is sure to produce an abundance of well-shaped bulbs, free from scullions or stiff necks. Our aim is to always sell at reasonable prices and as low as any in the trade offering strictly first-class seed.

### HARVESTED 1750 BUSHELS.

M. WHITFORD, Noble Co., Ind., Nov. 7, 1897: "I have grown Onions from your seeds for the past seven or eight years and find them the most perfect of any that I have ever tried, without any exception. They are true to name and strictly pure. I bought from you last spring 6 lbs. Red Wethersfield, 3 lbs. Large White Globe and 3 lbs. some other kind (12 lbs.) Set my drill for 4 lbs. to the acre and harvested 1750 bushels. Did not have one peck of scullions in the lot. Expect to purchase 25 lbs. next spring."

**CULTURE.** Onion Seed should be sown as soon as possible in the spring, even if the weather is cold, so the soil works up well. This gives them a good start ahead of the weeds and before dry weather sets in. After the soil has been thoroughly pulverized, sow thinly, 4 to 5 pounds to the acre, in drills one foot apart and about  $\frac{1}{4}$  of an inch deep, in strong land, well manured. When well started, say four inches high, thin out to stand three or four inches apart in the drills, keeping them well hoed and free from weeds.

Onions delight in strong, rich, deep, loamy soil, and succeed well if grown for a succession of years on the same ground. To get **heavy crops of finest shape and high colored** bulbs, especially Danvers and other Globes, large quantities of the best rotted manure must be used—15 to 20 cords per acre would be none too much. If well-rotted manure is not to be had use high grade commercial fertilizer containing a large percentage of potash.

**FALL SOWING.** Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use, thin out to 4 inches apart to secure a crop of large onions. **This plan works admirably in the South**, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in the Spring.

**Free to Customers,** (10 CENTS TO OTHERS.) On application we will send full and complete instructions

**HOW TO GROW ONIONS** both by the ordinary method as well as by the New Transplanting System.

**Extra Early Red**—A good medium sized, flat variety, very uniform in shape; smaller than Red Wethersfield, but about two weeks earlier; it is an abundant producer; good keeper; very desirable for early market, and good where seasons are short, on account of its rapid growth requiring a short time to mature it; grows a handsome shaped set when planted very thick. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**EARLY RED GLOBE**—A very handsome variety, and deserving of general cultivation. It matures very early, grows to a good medium size, and keeps well; skin deep red; flesh fine grained; flavor mild; tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., \$1.00.

**WHITE PORTUGAL, OR SILVERSKIN**—Ripens early; of large size, mild in flavor, and excellent for winter use; much esteemed for pickling when small, and grows a handsome, good keeping set when sown too thick to grow big onions. Pkt. 5c.; oz. 15c.;  $\frac{1}{4}$  lb. 50c.; lb. \$1.75.

**LARGE WHITE GLOBE**—By careful selection and cultivation we have developed this handsomest of all white varieties until it is second to none as a good keeper. Yields abundantly, producing very handsome, large, pure white globe-shaped bulbs; flesh firm, fine grained, of mild flavor, and is in many respects superior to the ordinary Silverskin Onion. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**Southport Large Yellow Globe**—Very large, fine color, and keeps well. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**Southport Large Red Globe**—Large and distinct in form, being nearly globular. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 35c.; lb., \$1.25.

**YELLOW DANVERS GLOBE**—Extensively grown as a main crop in many sections of the country. It is a beautiful golden color; bulb of medium size, quite early, bottom nearly flat, oval top, with small neck; very prolific, and a first-class keeper and shipper. The strain we offer of this popular variety can be excelled only by our Ohio Yellow Globe. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 30c.; lb., 90c.

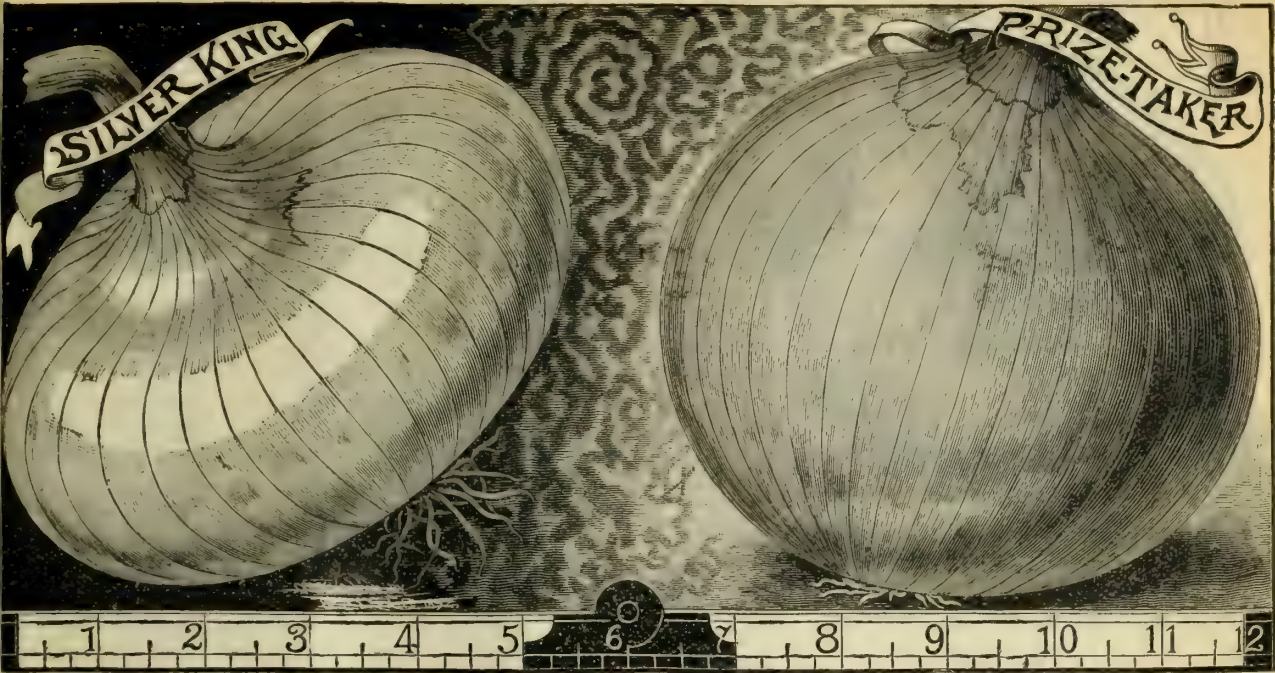
**YELLOW DANVERS FLAT**—A splendid onion for either market or home use; flatter than the Globe Danvers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**LARGE RED WETHERSFIELD**—For general purposes the country over, no red variety is so largely grown, and more especially in the East, where immense crops are raised for shipment. Large sized, somewhat flattened; skin deep purplish red. It is one of the best keepers. We have grown it on various soils for over thirty-five years, and cannot recommend it too highly as a general cropper and a variety that will do well anywhere that large onions can be grown. It yields enormous crops when the conditions are favorable. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 85c.

**Yellow Dutch, or Strasburg**—The well-known flat, bright yellow onion; a good keeper; later and larger than Danvers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 85c.

**Philadelphia Strasburg**—A splendid yellow variety of fair size; used extensively for set growing. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 25c.; lb. 90c.

**Philadelphia Silverskin**—A good white for set growing. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.



**MAMMOTH SILVER KING**—Of attractive shape, with silvery-white skin and flesh of a most agreeable mild flavor. It matures quite early and reaches a much larger size than any other of the flat white varieties, frequently measuring twenty inches in circumference, and weighing from three to five pounds when well grown. They *must be sown thickly* to produce large onions. We have sold this onion for ten years, and do not hesitate to recommend it as one that is **sure to please the grower.** **TRUE AMERICAN CROWN SEED.** Pkt., 10c.; oz., 20c.; 2 ozs., 30c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.75.

**PRIZE TAKER**—This is the large, beautiful Spanish variety sold in the fruit stores and in the markets of all large cities. They are of *enormous size*, averaging from 14 to 16 inches in circumference. Although of such great size, it is very hardy and a good winter keeper. The outside skin is of a rich yellow color, while the flesh is white, sweet and tender. They bottom well, are free from still-necks, and have produced **more bushels** of marketable onions to the acre than any other variety known in America. In market it attracts attention, and sells readily at advanced prices. **TRUE AMERICAN CROWN SEED.** Pkt., 10c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.35.

**SPECIAL PRICES** on Onion Seed in any Quantity over what is here quoted will be promptly given on request.

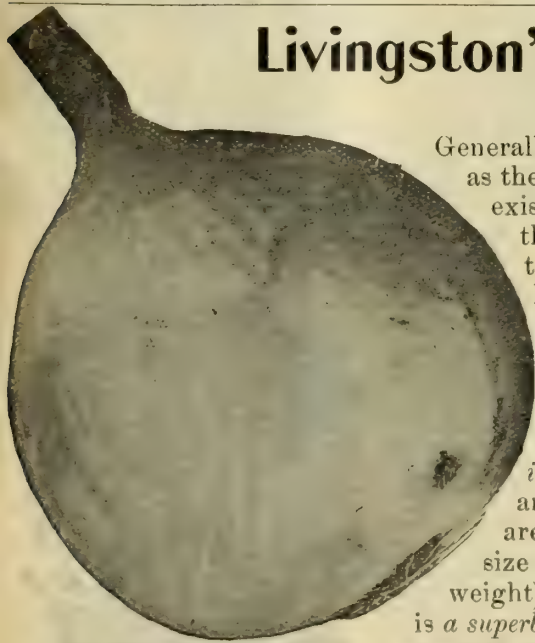
We offer **SPECIAL INDUCEMENTS** to those wanting a **SEED DRILL OR CULTIVATOR** in connection with Onion Seed.

We are Special Agents for **PLANET JR. DRILLS** and **CULTIVATORS.** The Best Make for Onions.

## Livingston's Ohio Yellow Globe Onion.

**OUR EXTRA SELECTED STOCK.**

Generally admitted by Seedsmen and Onion Growers everywhere as the most desirable strain of *perfect type globe-shaped onion* in existence. We name it **Ohio Globe** to designate it from the many strains of Globe Danvers now offered; besides, to Ohio growers, especially on the Western Reserve, belongs the honor of producing, by many years, of painstaking care, selection and cultivation, this, *the finest strain of that extreme type of Globe* now so eagerly sought after by all the best growers, and so deservedly popular in all large onion markets. Its main points of excellence are, *distinct and attractive shape, handsome, bright, even color; it ripens early*, and all at once. The necks are very small and cure down to almost nothing. The firm, solid bulbs, are *excellent winter keepers*, and all that can be desired in size and quality; *enormous yielders*, 800 bushels (standard weight) per acre are frequently grown on rich onion land. This is a *superb onion* for all classes of soil (when well enriched) and especially good for muck lands on account of its quick maturing qualities. Packet, 10c.; oz., 15c.; 2 ozs., 25c.;  $\frac{1}{4}$  lb., 45c.; lb., \$1.75; 4 lbs. for \$6.40, *postpaid*.

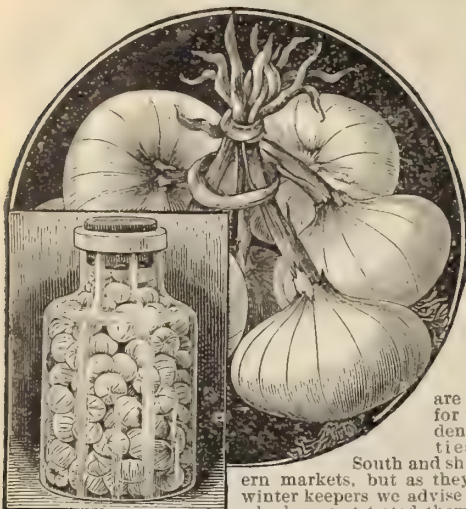


**OHIO YELLOW GLOBE ONION.**

**HENRY MILLER, Cayuga Co., N. Y.,** March 2, '97. "This I will say for your seeds: I never had a finer or larger crop of Onions in my life than I had last year; seemed as though every seed came. They are rightly named "**TRUE BLUE SEEDS.**"

**JOHN W. HENRIE, Clay Co., Mo.,** Sept. 15, 1897, writes: "The Ohio Globe Onion Seed I bought of you has proven to be the best I ever raised onions from, and nobody need to be afraid to try them."

# SPANISH AND ITALIAN ONIONS.



The following varieties have been tested in all sections of the United States and have given good satisfaction. We recommend them as very desirable for summer and autumn markets, because they generally command ready sales at good prices, especially when grown by the transplanting method; they are also valuable for the family garden. Large quantities are grown South and shipped to northern markets, but as they are not good winter keepers we advise growers North who have not tested them to rely chiefly on the American Onions for their main crop.

### EXTRA EARLY BARLETTA.

crop. All Spanish and Italian varieties are sweet and mild flavored, more so than the American Onions, and are of very rapid growth. **Extra Early Barletta**—The very earliest onion in cultivation. When matured the tops die down, leaving beautiful and perfect little bulbs. The color is pure white, flavor mild and delicate, perfectly adapted for pickling and table use, and makes a pretty bunch onion, especially if grown by the transplanting method. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Round White Silver Skin**—Uniformly small, round and handsome, with an opaque white skin which does not turn green upon exposure to the sun. They are compact and hard, but at the same time crisp and brittle, making them one of the best pickling onions ever introduced. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Neapolitan Maggajola**—(Italian May Onion)—A large, flat, beautiful, silve-white skinned variety; one of the earliest of all. Can be sown in February or March and will mature a crop very early; or if sown in July the crop will be matured the same season. In the South the seed can be sown in autumn, and large onions gathered in March. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Mammoth Pompeii**—Red Garganus, Copper King)—A very fine variety. It has produced onions weighing four or five pounds each. The skin is a delicate red, flesh close grained and nearly white, and of very mild flavor. Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.50.

**Spanish King**—Pkt., 5c.; oz., 20c.; ¼ lb., 50c.; lb., \$1.75.

### White Queen—

A pure white, small flat onion, 1 to 2 in. in diameter. Sown in early spring will ripen in July. Very mild flavored; excellent for pickling. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

### Red Victoria—

Has a distinct oval shape; can be grown to weigh 2 to 4 lbs. Skin dark red, flesh white or rose colored, mild and sweet. A good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.35.

### White Victoria

**White Victoria**—A beautiful, large round variety with silver-white skin, but sometimes of a delicate light rose-color; flesh juicy, sweet, and milky white. A good keeper. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

**Extra Early Pearl**—("Silver White Aetna," "Bloomsdale")—A very fine and very early variety. The bulbs, when well grown, are large, round, flattened, with a delicate pure white skin; flesh very mild in flavor. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

**Giant White Italian Tripoli**—(El Paso, or Large Mexican)—Of large size and most beautiful form, with fine white skin. If sown early in hotbed and transplanted, they grow enormous in size. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Red Mammoth Tripoli**—Similar in size and shape to Giant White Tripoli. Skin thin and of rich, blood-red color; flesh white, fine grained, mild and pleasant. Pkt., 5c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.10.

**Giant Rocca**—Light brown skin, globular in form, flesh tender and mild. It will produce an immense onion from seed the first season. To attain the largest growth the smallest bulbs should be set out the next spring, when they will continue increasing in size instead of producing seed. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Giant White Rocca, or Silver Ball**—One of the handsomest, and sells readily in market at high prices. Flavor mild and delicious. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

# BERMUDA ISLAND ONIONS.

**Bermuda Island Red**—(Teneriff)—A very early pale red onion, grown extensively in the Bermudas and southern part of the United States for early shipping to northern markets. Grown in our climate, the bulbs are smaller, but mature early and retain much of the mild, sweet flavor of the imported ones. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

**Bermuda Island White**—Mild flavored; white in color; otherwise same as red. Pkt., 5c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.25.

# ONION SETS.

**Bottom Sets** are produced by sowing the seed very thickly (40 to 60 pounds to the acre) as early as the ground can be worked in the spring, in beds or broad drills, and not thinning out. About the middle of July, or whenever the tops die down, usually when about half an inch in diameter, they are pulled and allowed to remain on the ground a day or two, when the tops should be wrung off by hand, put into shallow trays or spread thinly in a dry loft; sets should be planted out as early in the spring as the ground is dry enough to work, in rows one foot apart, with sets two inches apart; the onions can be used in the green state in June and will ripen in July.

**Top Sets, or Buttons**—"Toppys"—These produce the small clusters on the top of the stem, where seed is produced in the common kinds. These small ones are planted in the spring and the result is large onions, and these large ones, with one year's growth, produce the clusters on top.

**Winter, Egyptian, or Perennial Tree**—When once set out it grows for years without protection or care, except in keeping down the weeds. It starts so early in the spring that it is ready for use a long time before any other onions can be had. It is mild-flavored, sweet and tender. They form no large bulbs, but divide and grow as many as fifteen or twenty small onions in one bunch. Desirable for family use, and very profitable for market gardeners.

**POTATO ONIONS**—Esteemed by many as the best for early use; large size, mild, sweet flavor, very early, and large producers; the small bulbs are planted in the spring and increase in size, and the parent bulb, planted in the fall and spring, produce a quantity of small bulbs in a cluster, growing mostly on the top of the ground.

**WHITE MULTIPLIERS**—Are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from a single bulb planted; of excellent quality and size for bunching green, or can be ripened for use as pickling onions. Their keeping qualities are remarkable, but their most important quality is their extreme earliness, being ready for market three or four weeks ahead of other onion sets.

**ONION SET PRICES**—Prices are based on the present market rates and are subject to change, according to the market, without notice. The market fluctuates very much, hence we do not care to make a fixed price. Lowest market prices on small or large quantities will be given on application at any time. At bushel, peck and half-peck prices the buyer pays the express or freight; at pint and quart prices we pay the postage.

	Pint.	Quart.	½ Peck.	Peck.	Bushel
Potato Onions.....	15c.	25c.	50c.	75c.	\$2.50
White Multiplier.....	15c.	30c.	50c.	90c.	3.25
Top Sets, or Buttons.....	15c.	25c.	50c.	75c.	2.50
White Bottom Sets.....	15c.	25c.	50c.	75c.	2.50
Yellow Bottom Sets.....	15c.	25c.	40c.	65c.	2.00
Red Bottom Sets.....	15c.	25c.	45c.	75c.	2.50
Egyptian Winter Sets.....	15c.	25c.	25c.	40c.	1.25

Bottom Sets and Potato Onions are sold by measure. White Multipliers, Button and Egyptian, by weight, 28 pounds for a bushel.

If you want larger lots than quoted above, write us, and we will make you lowest market price at the time, for choice stock.

We handle sets in large quantities.

# OKRA, OR GUMBO.

One of the most wholesome vegetables of the South. The pods, when young, make a fine soup of themselves, or with other ingredients, and when pickled are a fine salad. Plant seed after the ground is warm, thickly in drills 3 feet apart, thinning to one foot. Make early and late sowing to secure supply throughout the season. No trouble to grow in any good garden soil.

**White Velvet**—Decidedly the best variety. Distinct in appearance; unlike other varieties, pods are not ridged, but perfectly round, smooth, an attractive white velvety appearance, of superior flavor and tenderness. Comparatively dwarf, of compact, branching growth; the extra large pods are produced in great abundance. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



WHITE VELVET OKRA.

## PEPPERS.

German—*Pfeffer*.  
 French—*Piment*.  
 Spanish—*Pimiento*.



MAMMOTH RUBY KING.



CARDINAL PEPPER.

**PEPPERS** should be started in a hot-bed or cold frame and transplanted about the close of May in a sunny location, in rows about two feet apart each way. May also be sown in the open ground when all danger of frost is passed, and the weather has become settled and the soil warm, and transplant as above when the plants are three or four inches high. Some very rich fertilizer stirred into the soil when the plants are about six inches high will be found very beneficial to the crop. **One ounce of Seed for 1,500 Plants.**

**Mammoth Ruby King**

—Entitled to head the list. Of immense size and the mildest of all varieties. Ordinarily they grow four to six inches long, by three to four inches thick. When ripe they are of a beautiful, bright, *ruby red color*, and are always remarkably mild and pleasant to the taste. They can even be sliced and eaten with pepper and vinegar (like tomatoes or cucumbers), and make a very pleasant and appetizing salad. The plant is of sturdy, bushy habit, and each plant produces from

six to twelve handsome fruits. They should not be grown near the hot varieties or they will partake of their fiery nature. **Choice Seed—**Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25

**Giant Yellow King Mango**—New Golden Pepper, an exact counterpart, except in color, of the famous **Ruby King Pepper**, which has so steadily gained in popular favor the past ten years. The beautiful healthy plants bear large, handsome fruits, of a most attractive, bright yellow. The flavor is unsurpassed, exquisitely mild and pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



KALEIDOSCOPE PEPPER.

**Kaleidoscope**—A novel and beautiful sort, having long wavy branches, loaded with drooping fruit. From the time the peppers form until fully grown they are of a light yellowish cream color. When fully grown they commence to change color, first to a lovely canary yellow, then to a deep orange, then to rose or pink, and so on through different shades until they are an intense scarlet; a plant bearing hundreds of peppers showing six or eight distinct colors, is an object of great beauty. Grows freely in the garden or in pots. Its flavor is clear and sharp. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

**New Fancy Wrinkled**—Excites admiration on account of their distinct and peculiar form and various colored fruits, *deep orange, vivid scarlet, lemon yellow*; a profuse bearer, flavor *sharp*. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**County Fair**—Hard to equal in quality and productiveness. Its striking, handsome appearance at once arrests the eye, whether in the market or on the exhibition stand of an agricultural fair. Of medium size, very solid and "meaty," and of sweet, sprightly flavor. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**Procop's Giant**—This new variety is the "Goliath" of the pepper family. They grow uniformly to a very large size, of brilliant scarlet color, and in flavor just hot enough to be pleasant. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**Celestial**—A most useful pepper and one of the most beautiful plants in existence. The plant begins to set peppers early and continues until frost, branching freely and bearing profusely. The pods are upright, conical in shape, and of a delicate creamy yellow, and when fully grown change to a vivid scarlet, making a plant striking beauty and oddity. Peppers are two to three inches long, sharp flavor, and superior for any of the uses to which hot pepper can be put. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**Orange Mammoth Sweet**—A very large yellow sort, of fine shape, mild and excellent for mangoes. Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

**Golden Dawn**—Productive and handsome yellow variety, almost exempt from fiery flavor. Not so large as Orange Mammoth. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

**Large Bell, or Bull Nose**—An early variety of mild flavor; rind thick and fleshy. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

**Large Sweet Mountain**—Very large and excellent for mangoes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

**Cayenne**—For making Cayenne Pepper Sauce. Small; pungent; used more than any other for making pepper sauce. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**Long Red**—Beautiful and productive, four inches long and an inch or more in diameter; flesh thick and pungent. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.25.

**Squash, or Tomoto Shape**—Fruit large, round, flesh thick, and mild flavored. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**Red Cluster**—Its distinct and brilliant scarlet fruit is curiously crowded together in bunches or clusters at the top of each branch. A single plant bears hundreds of handsome, hot and pungent peppers. Its bright colored fruit ripens early and makes a charming contrast with its deep green leaves. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**Cherry Red**—Fruit small, round, color rich scarlet; very hot. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

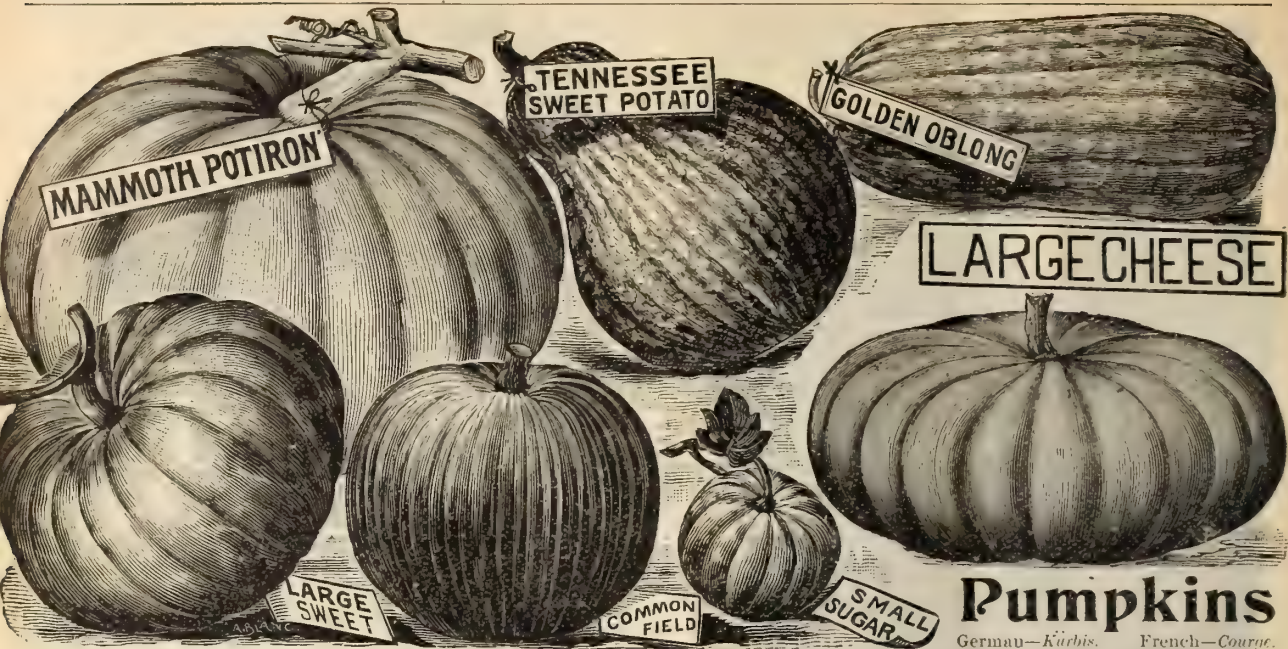
**Red Chili**—For making pepper sauce, "hot as fire," small and prolific. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**Coral Cem Bouquet**—Its beautiful little pods of shining red are so thickly set as to give it the appearance of a bouquet of corals. A splendid sort for making pepper sauce, and makes a ready selling plant when grown in pots. Pkt., 5c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00.

**Sweet Spanish**—One of the largest and earliest varieties; flesh is sweet and mild. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

**Cardinal**—A new pepper with long, curved, tapering pods, about two inches thick at the stem end; very sweet and tender, and exceedingly handsome. Nothing equals it in depth, purity and brilliancy of color. It is worthy of cultivation for its beauty alone. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 65c.; lb., \$2.25.

**Golden Queen**—This is a very beautiful and a large variety. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.



# Pumpkins

German—Kürbis. French—Courge.  
Spanish—Calabaza.

**PUMPKINS** are not so particular in regard to soil as melons or cucumbers, but in other respects are cultivated in a similar manner, though on a larger scale. They are generally raised in fields of corn and potatoes, and may be planted with success in fields by themselves, in May or early June, in hills eight feet apart each way. **One ounce for 15 hills; one pound for an acre.**

**Genuine Mammoth or True Potiron**—(See Cut)—Also called King of Mammoths, Large Yellow Mammoth, Mammoth \$50 Pumpkin, Jumbo Pumpkin. Form like an immense Nutmeg Melon with depressed ends, slightly ribbed and grows to immense size—three feet or more in diameter. Skin salmon-colored; flesh bright yellow; fine grained; good quality. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., \$1.50.

**Large Common Yellow Field** ("Yankee Cow Pumpkin")—Easily grown alone or in the corn; *hardiest of all Pumpkins*; good for pies; splendid stock pumpkin. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 40c.

**Tennessee Sweet Potato**—Excellent for pies; pear shaped; medium size; flesh and skin creamy white; fine grained; sweet and delicious; first-rate keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Large Sweet or Pie**—Not so flat as Cheese, larger, very heavy, thick meat and sweet. More generally grown in Ohio than any other, both for feeding stock and table use. Skin dark orange, sometimes mottled with green. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Mammoth Tours**—A productive French variety, growing to an immense size, often weighing over 100 pounds. Grown for cattle and table use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Black Sugar (Negro, or Nantucket Pie)**—A good "Pumpkin Pie" Pumpkin. Oblong in shape, with ten or twelve prominent ridges from stem to blossom end; skin very dark green, almost black; flesh orange color. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Mammoth Etampes Bright Red**—This giant variety grows to enormous size; a bright glossy red color; splendid to grow for stock and exhibition purposes. Pkt., 5c.; oz., 15c.;  $\frac{1}{4}$  lb., 40c.; lb., \$1.25.

**Small Sugar**—Very prolific; eight inches in diameter; deep orange yellow; fine grained; keeps well. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Large Sweet Cheese**—Fine for pies; productive; flesh yellow; sweet; keeps well into winter. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

# Parsley.

German—*Petersilie*. Parsley is used  
French—*Persil*. for seasoning  
Spanish—*Perejil*. soups, meats,  
etc., for salads

and garnishing, also for an ornamental border for the flower garden; it succeeds best in a rich, mellow soil. As the seeds germinate very slowly, three or four weeks elapsing sometimes before it makes its appearance, it should be sown early in the spring in rows one foot apart; sow thick and cover half an inch deep; finally thin to 5 or 6 inches in the rows or transplant and cut back frequently. For winter use protect in a frame or light cellar. **One ounce for 150 feet of drill.**

**Fine Double Curled**—A fine dwarf variety. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Champion Moss Curled**—Very beautifully crimped and curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 75c.

**Plain**—The leaves are plain; it is harder than the curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Extra Curled Emerald**—Distinct from other varieties, being a lighter shade of green. The plant is dwarf, with leaves finely cut and curled. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**Fern Leaved**—Very beautiful; more like crested fern or moss than Parsley; grand for table decoration. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Hamburg, or Turnip-Rooted**—A fleshy rooted kind; the roots are used for flavoring soups. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Golden Oblong**—(See Cut)—Outer color a rich golden-orange; almost as good a keeper for winter as the hard-shell squashes; the fruit, when young, is dark green and changes to a rich golden-yellow; flesh yellow, very rich, and fine quality; pronounced by lovers of pumpkin pies the very best. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Japanese Pie**—Crook-necked variety with extremely small seed cavity; nearly all solid meat; quality extra fine. Seeds distinct in appearance, being curiously sculptured in the manner of Chinese letters. Productive; ripens early; medium size; good keeper. Easily cut and dried like apples, and makes excellent pies or sauce for winter use. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

# Parsnip

German—*Pastinake*.  
French—*Panais*.  
Spanish—*Pastinaca*.

Sow as early in the spring as the weather will admit, in drills fifteen inches apart and half an inch deep, in rich, well manured ground, well dug. Cultivate similar to Carrots, and thin out to 6 inches apart in the rows. The roots improve by leaving them in the ground over winter, securing enough in pits or the cellar for immediate use. **One ounce to 200 feet of drill, 5 or 6 pounds for an acre.**

**LARGE SUGAR OR HOLLOW CROWN**—(Improved Guernsey)—The best variety in cultivation for general use, roots intermediate in length, white, smooth, sugary; excellent flavor; easily harvested. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Long White Dutch**—Roots very long and smooth; hardy and keeps through winter without protection. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Maltese Half-Long**—Shorter than Hollow Crown; better for shallow ground. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Zimpher's Long White**—The handsomest long white sweet Parsnip on the market. Very smooth and attractive. For fuller description see Novelty List. Pkt., 10c.; oz., 20c.;  $\frac{1}{4}$  lb., 50c.; lb., \$1.50.





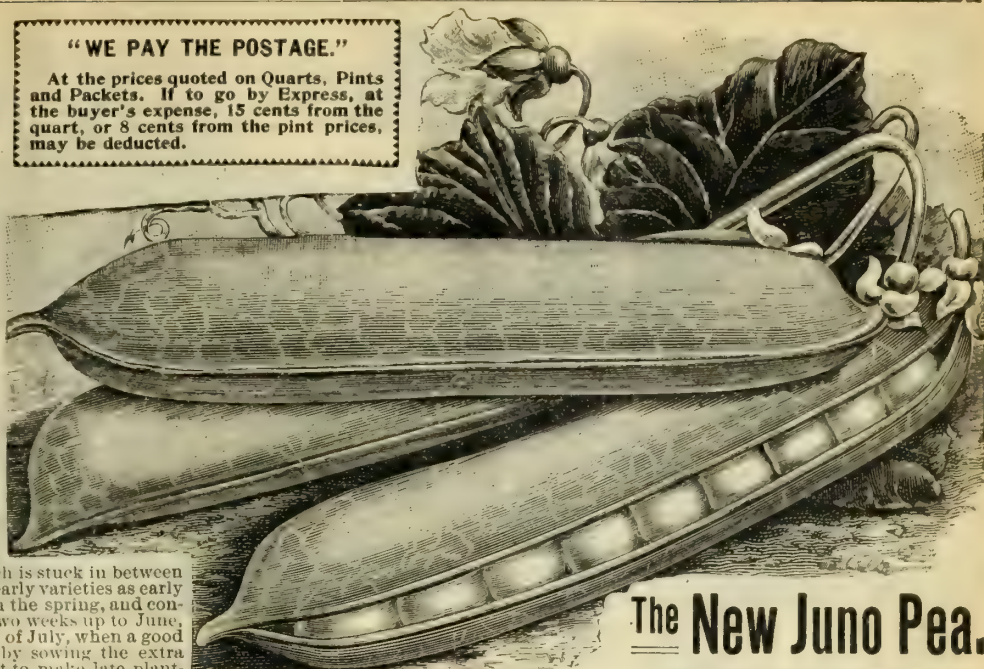
# PEAS.

German—*Erbse*. French—*Pois*. Spanish—*Guisante*.

PEAS mature earlier in a light, rich soil. For a general crop, a rich, deep loam, or inclining to clay, would be best. They thrive better if the ground has been manured for a previous crop, but if the ground is poor and requires manuring, use well rotted manure; for the dwarf varieties you can hardly make the soil too rich. When grown for a market crop they are seldom staked or brushed, but are sown in single rows one inch apart and 3 to 5 inches deep, the depth depending on the time of sowing, nature of soil, as well as variety. Rows should be from 2½ to 3½ feet apart, according to variety, soil and manner of culture desired. When grown in gardens it is best to sow in double rows, 6 to 8 inches apart, the tall ones requiring brush, which is stuck in between the rows. Commence sowing early varieties as early as the ground can be worked in the spring, and continue, for a succession, every two weeks up to June, discontinuing until the middle of July, when a good crop can usually be secured by sowing the extra early and early sorts. It is best to make late planting on sandy soil as there is some danger of mildew at this season when planted on heavy land. They should be kept clean with the cultivator or hoe, and earthed up twice during growth. Wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have dry soil and not planted deep or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. One quart sows 80 feet of drill. Two or three bushels to the acre.

**"WE PAY THE POSTAGE."**

At the prices quoted on Quarts, Pints and Packets. If to go by Express, at the buyer's expense, 15 cents from the quart, or 8 cents from the pint prices, may be deducted.



PODS OF THE JUNO.

## The New Juno Pea.

The Juno is one of the best main crop Wrinkled Peas of its class to-day. It has

a stout, robust vine and **straight**, heavy, square pods, usually borne in pairs. The pods are very thick, broad-backed and filled from the stem to the tips with seven to nine sweet, delicious, **dark green** peas of immense size; height, two feet; season from medium early to main crop. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.40; bus., \$5.25.

**THE ADMIRAL.** A valuable second early variety, both for market and family use. Its vigorous vines are about 3 feet high, and abundant bearers of well-filled pods of bright green peas of most excellent quality. A favorite with canners on account of productiveness and color. Remains a long time in fit condition to use. Those who plant liberally of this variety will not be disappointed. Pkt. 10c.; pt. 20c.; qt. 35c.; pk. \$1.00; bus. \$3.25.

**Pride of the Market**—Has a stiff vine of medium height, bearing at the top, generally in pairs, a good crop of dark green pods well filled with large peas of good flavor; season *medium*. Pkt. 10c.; pt. 25c.; qt., 45c.; pk. \$1.50; bus. \$5.00.

**Improved Stratagem**—Half-dwarf; green wrinkled; vigorous, branching habit; under favorable conditions an enormous cropper. Pods long, filled with from seven to nine *extra large* peas; season *medium late*. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

**Duke of Albany.** One of the very largest and best Peas grown. The pods are handsome, large, well-filled, and borne in great profusion. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

**Abundance**—A second early, and one of the best half-dwarf; 15 to 18 inches high; pods large, containing six to eight wrinkled peas of excellent quality. Sow seed thin, six inches is the proper distance, as it has a remarkable tendency to branch. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

**WILLIAM HURST**—It is one of the hardiest, most prolific, and best varieties of first early dwarf wrinkled peas we have ever seen; it is ready for the table as early as the *American Wonder*, and is *much more productive*; grows stocky, 8 to 12 inches high, with abundant foliage. The pods average three inches long, and are well filled with large peas, each pod containing six to eight, so closely packed that the peas are flattened against each other. Quality the *best*. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

**Alaska**—This beautiful blue market pea has become a standard variety, and is the *earliest of all blue peas*. Twenty inches high; very uniform, maturing the crop for one picking; of excellent quality, and retaining its desirable color after cooking. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.50.

**French Canner**—A very productive variety grown for canning purposes; are of good flavor and tender when young, but of poor quality when they begin to harden. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., 75c.; bus., \$2.50.

PACKETS OF PEAS OR BEANS, put up to sell at 5c., postpaid, contain **TOO SMALL A QUANTITY FOR ANY FAMILY**, we therefore put up **LIBERAL SIZED** Packets at 10c., postpaid. We prefer to **PLEASE** our customers rather than **DISAPPOINT** them.

W. M. HURST

### PACKETS DOUBLE THE SIZE.

MRS. J. LEAVENGOOD, Coshocton Co., Ohio, writes: "I have been using your seeds for some years and found them true and reliable. Packets are large size, about double the size of the ordinary."

### LARGE PACKETS—LIVINGSTON'S AHEAD.

J. H. BILLINGSLEY, Paulding Co., Ohio, writes: "I send you my sixth order for garden seeds. Can say that for superior seeds and large packets Livingston's are at the head."

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## LIVINGSTON'S FIRST IN MARKET PEA.

Several years ago, when we introduced this variety, the name was chosen because it was an appropriate one for this, THE EARLIEST of all the very early peas. It means FIRST PEAS IN MARKET and FIRST MONEY to every one who grows from this stock for market purposes, and the farmer who plants it is sure of the first mess of green peas in his neighborhood. It is VERY PROFITABLE for the GARDENER and SHIPPER because it is very early, ripens uniformly, so that all of the pods may be picked within seven weeks from the time of planting, and that at one picking. No brush or other support is required, as they seldom, under any circumstances, grow to exceed 20 inches in height. The pods are handsome, straight, and full of medium sized round peas of first-rate quality, and it is immensely productive for so early a variety. We have been carefully looking into the *real early* pea subject and testing the various "strains" and "brands" on the market for years, until we are convinced, as well as our customers who have given them a trial, that **FIRST IN MARKET leads all.** PRICE BY MAIL (*postpaid*), pkt., 10c.; pt., 20c.; qt., 40c.; 2 qts., 75c. By EXPRESS OR FREIGHT (*not paid*), 4 qts., 65c.; pk., \$1.20; bus., \$4.00.

**NOTT'S EXCELSIOR PEA.** This is a fine new *Extra Early Dwarf Green Wrinkled Pea*. In earliness it equals American Wonder; in height, about 15 inches; in quality equal to Premium Gem, and as a cropper it excels either. In a comparative test, with above side by side, the Nott's Excelsior yielded *one-quarter* more pods by *measure*, and by *weight one-third* more, which shows conclusively that the pods of Nott's Excelsior are more compactly filled with peas; a great yielder, because it can be planted so much closer than tall growing sorts. On good soil we think it would out-yield Champion nearly two to one. *Our stock was grown from seed stock direct from Mr. Nott.* PRICE BY MAIL (*postpaid*). Pkt., 10c.; pt., 20c.; qt., 40c. By EXPRESS OR FREIGHT (*not paid*), 4 qts., 75c.; pk., \$1.25; bus., \$4.75.

**AMERICAN WONDER**—The leading dwarf pea in point of earliness, productiveness, flavor and quality. Of dwarf and robust habit, growing about ten inches high, and produces a profusion of good-sized, well-filled pods, fairly packed with the finest flavored peas. Pkt., 10c.; pint, 20c.; qt., 40c.; pk., \$1.25; bus., \$4.00.

**Extra Early Premium Gem**—Very fine dwarf pea of Little Gem type, on which it is a decided improvement; larger pods and more productive. Profitable wrinkled pea for market gardeners, and for family use there is none better. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

**Dwarf Tom Thumb**—Dwarf, about nine inches tall, and maturing about the time of American Wonder. Can be planted very close. Pkt., 10c.; pt., 25c.; qt., 40c.; pk., \$1.25; bus., \$4.25.

**McLean's Little Gem**—A gem indeed. Dwarf green wrinkled variety, twelve to fourteen inches high; prolific; *very superior* flavor. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

**McLean's Advancer**—About the best second early on the list. A green, wrinkled variety, about 2½ feet high; long pods, abundantly produced, and well filled to the end. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.50.

**Champion of England**—A universal favorite and admitted to be one of the best peas grown; delicious flavor, *profuse* bearer of large pods filled well with large green wrinkled peas; four feet high. Pkt., 10c.; pt., 20c.; qt., 35c.; pk., 90c.; bus., \$3.00.

## THE TELEPHONE PEA.

No Pea to-day, of its class, is more meritorious or deservedly popular than the Telephone. Green wrinkled; height, 3½ feet; productive; pods unusually large, elegant shape, slightly curved, and well filled with peas of large size and most excellent quality and flavor. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.25; bus., \$4.75.



NOTT'S EXCELSIOR PEA.

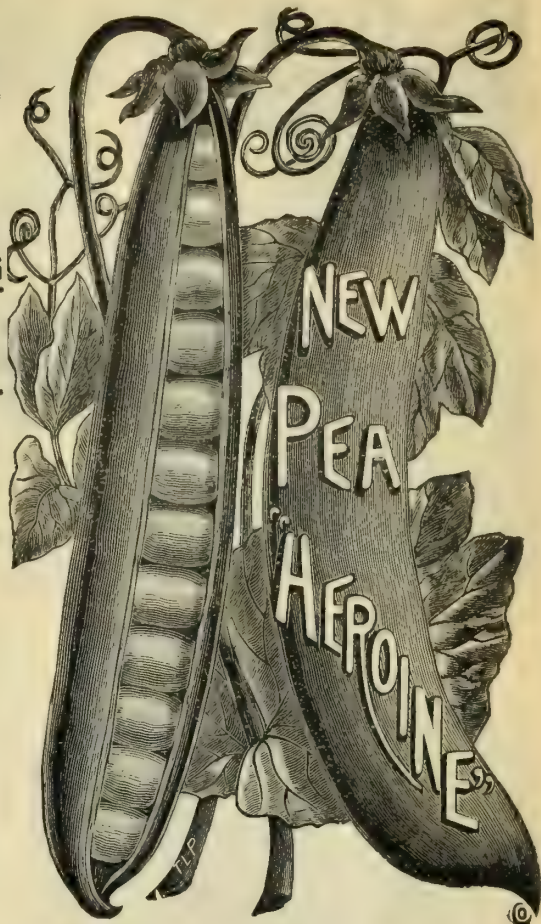


SHROPSHIRE HERO.

**TWO**  
OF OUR  
**BEST**  
SELLING  
**PEAS.**



M. A. ANKOM, West Middletown, Pa., writes: "I must say that your Heroine Peas, without doubt, the best Pea I ever raised. Other seeds give satisfaction."



**SHROPSHIRE HERO**—One of the most valuable new peas of recent years. It is a *second early, large, wrinkled* pea, a robust grower like STRATAGEM, two or three feet in height, producing its large pods in abundance. The pods are very large and extra well filled, averaging seven and often contains eight or ten fine large peas of exquisite flavor. This pea has already become a favorite with marketmen. Pkt., 10c.; ½ pt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

**Everbearing**—A variety maturing soon after the Premium Gem, and continuing a long time in bearing. Vine stout, about eighteen inches high, bearing at the top six to ten broad pods. Peas wrinkled, large, cook quickly, and very tender; superior flavor. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

**Horsford's Market Garden**—A fine second-early for family gardens, coming in about with the Advancer. Vines two feet high and very regular. Most prolific bearer, out-yielding all for height of vine; pods medium size, numerous and well filled with peas of finest flavor. A green wrinkled variety which is fast coming into general favor on account of its productiveness and general good qualities. Pkt., 10c.; pt., 20c.; qt., 40c.; pk., \$1.00; bus., \$3.75.

**White Marrowfat**—One of the oldest varieties in cultivation, and a favorite market sort; about four feet high, and well filled with very large peas. Pkt., 5c.; pt., 20; qt., 30c.; pk., 60c.; bus., \$2.25.

**Black-Eyed Marrowfat**—Similar to White Marrowfat in all points except it has a dark eye. Pkt., 5c.; pt., 20c.; qt., 30c.; pk., 60c.; bus., 2.25.

## Sugar, or Edible Podded Peas.

All edible podded varieties are used either shelled or cooked in the pods like string beans, and, when young, are very tender and sweet.

**Melting Sugar**—This new variety grows to the height of five feet, bears a profusion of very large, broad, handsome, light green (nearly white) pods which are generally found in pairs and are so brittle that they snap without any strings. Sweet and tender; cooked like wax beans. Pkt., 10c.; pt., 25c.; qt., 45c.; pk., \$1.50; bus., \$5.00.

**Dwarf Sugar**—(Gray Seeded)—Grows about two feet high; productive; seeds large and shriveled; pods broad, flat, crooked, and contain five or six peas. Pkt., 5c.; pt., 20c.; qt., 40c.

**Tall Sugar**—Tall, productive. Pkt., 5c.; pt., 20c.; qt., 35c.

**HEROINE**—Is a medium early green wrinkled pea, and grows uniformly two to two and one-half feet high, coming in between Advancer and Champion of England, and bears a profusion of large, long, slightly curved pointed pods, containing from nine to ten large peas of finest quality. Destined to eclipse Stratagem and Pride of the market for market purposes, and being nearly as early as Advancer, will also be more desirable than that well-known variety. An immense cropper, yields double the quantity ordinary varieties do. Pkt., 10c.; ½ pt., 15c.; pt., 25c.; qt., 45c.; pk., \$1.25; bus., \$4.50.

We can supply the following well-known varieties at the uniform price of 10c. per packet, 25c. per pint, 45c. per quart: **Blue Peter, Telegraph** (Long Island Mammoth), **Sander's Marrow, Blue Beauty, American Champion, Yorkshire Hero, Forty-Fold, Dan'l O'Rourke, Laxton's Alpha, Landreth's Extra Early.** PRICES BY THE BUSHEL, ETC., ON APPLICATION.

**FIELD PEAS.** USED FOR FIELD CULTURE ONLY—By express or freight—bushel, \$1.25; peck, 40c. By MAIL (postpaid)—Quart, 30c.; pint, 20c.; packet, 5c. Special prices on any quantity over a bushel. The market is subject to fluctuation, and we prefer to quote rather than make a fixed price.

**SOUTHERN COW PEAS**—Large sample packet, 10c.; qt., 30c.; bus., \$1.75. Prices on application for larger quantities.

## RHUBARB.

German—*Rhubarber.*  
French—*Rhubarbe.*  
Spanish—*Ruibarbo Bastardo.*

**Pie Plant—Wine Plant**—A deep, rich soil is best for Rhubarb. Sow early in drills, eighteen inches apart and one inch deep; the spring following, transplant, allowing each plant at least two feet square; each fall mulch with manure. One ounce makes about 600 plants.

**Victoria**—Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Linnaeus**—Pkt., 5c.; oz., 15; ¼ lb., 40c.; lb., \$1.25.

### RHUBARB ROOTS.

By Mail (postpaid), each, 20c.; two for 30c.; four for 50c. By Express (not paid), each, 10c.; dozen, \$1.00.

We make a specialty of growing the roots and will make special prices in any quantity on application.

# Radish.

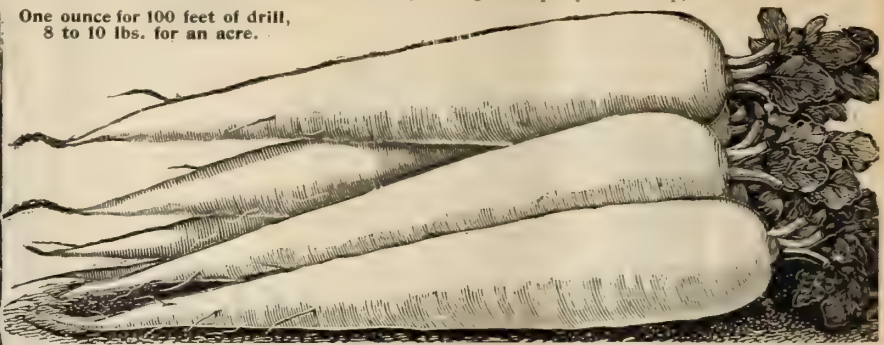
German—*Rettig*.  
French—*Radis*.  
Spanish—*Rabano*.

All the varieties thrive best in light, sandy loam. For early use sow in hot-bed in February, giving plenty of ventilation, or outside in drills as soon as the soil can be gotten in order, covering the seed about half an inch deep. Sow every two weeks from March to September for a succession. They must grow rapidly to be crisp, mild and tender.

One ounce for 100 feet of drill,  
8 to 10 lbs. for an acre.



PHILADELPHIA WHITE BOX.



**Livingston's Pearl Forcing**—Is a cross between Wood's Early Frame and White Strasburg—what might be called half-stump rooted. The color is pearl-white with the waxy appearance; the texture is very firm and solid; they remain in eatable condition fully two weeks before they show signs of going to seed, and do not become woody. If grown properly they have a smaller top in forcing than when grown in the open field. All things considered, we pronounce it absolutely the very best general purpose White Market Radish in existence. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Philadelphia White Box**—Its points of superiority are short top, rapid growth, perfect turnip shape, extra fine quality, and showing but little disposition to become pithy, remaining solid and juicy for sometime after fully grown; especially fitted for growing under glass in frames. Owing to very few leaves it can be sown thickly. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

**GOLDEN DRESDEN**—We recommend it alike for family garden and for market as one of the most valuable and quick growing radishes. Tops very scant, and admit of closest planting. It is perfectly round, smooth and very attractive, light golden-brown skin. The flesh is crisp, white, juicy and of finest flavor. Market gardeners can grow this new radish in the garden or force it, and depend upon a remarkably perfect, early, uniform crop. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Brightest Long Scarlet**—("Cardinal White Tipped")—A new sort; resembles Early Long Scarlet in shape and size. Extraordinarily early, being fit for use in 24 days after sowing. It is the brightest scarlet we have ever seen in a radish; tips white; rapid seller on market. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Giant White Stuttgart**—A favorite German radish; grows quick, of large size; in shape like a large top; flesh and skin white; fine quality; firm and brittle; never pithy; can be stored for winter. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early Fire Ball**—Pretty little fire-red round radish; small tap-root; small top; preferred by many for early forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Golden Globe**—Perfect globe-shape and golden colored skin; quick growing; tender and brittle. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

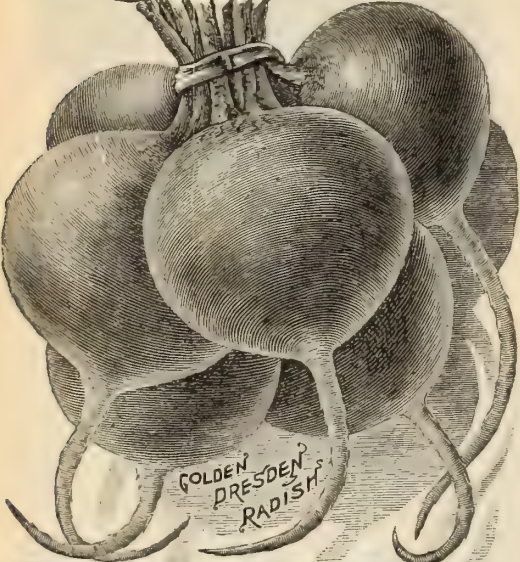
**Yellow Summer Turnip**—Grows to perfection in the hottest weather. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Cray Summer Turnip**—A heat resister. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Rosy Gem**—One of the earliest; perfectly globular; color rich deep scarlet at top, blending into pure white at the bottom; exceedingly tender and crisp; delicious; desirable for market or home garden. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Early Scarlet Globe**—One of the earliest and best sorts for forcing; its color is very handsome; flavor mild; crisp and juicy; stands a great amount of heat without becoming pithy; good for garden culture. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**LIVINGSTON'S RADISH MIXTURE**—A mixture of over 20 choice varieties of early, medium and late radishes. You will certainly have radishes all summer, and be surprised at the results, if you give it a good place in the garden. For several years we have sent out large quantities of this mixture and the unanimous reports have been "Happily Surprised." Large pkt., 10c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.



GOLDEN DRESDEN RADISH.



NEW ROSY GEM RADISH.

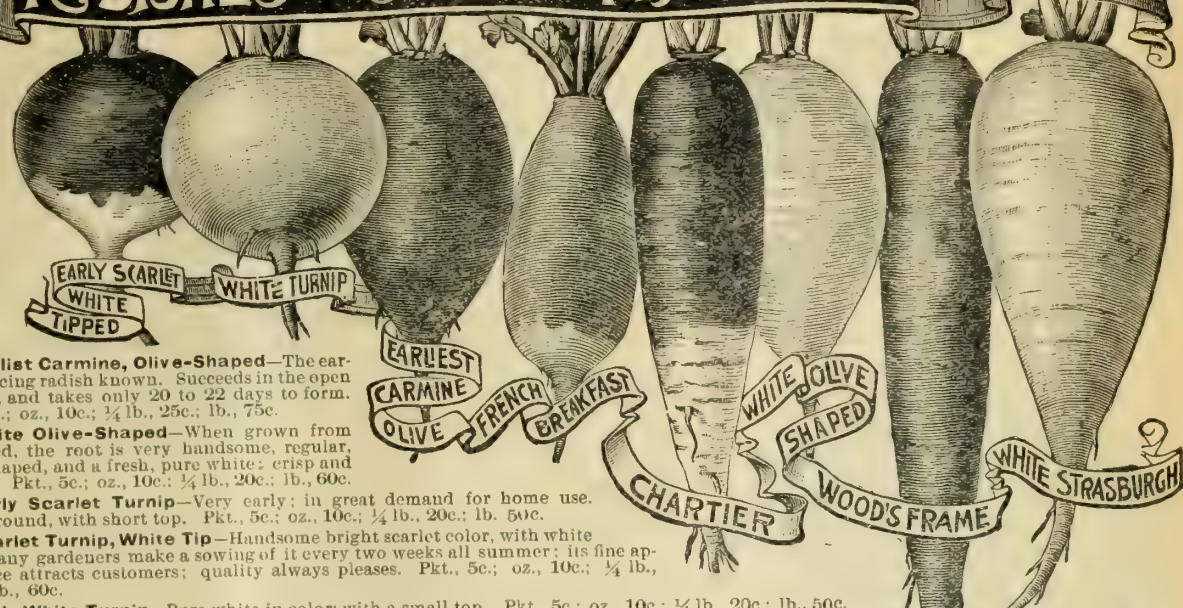


EARLY SCARLET GLOBE RADISH.



Cut showing some of the Radishes grown from a package of Livingston's Mixture.

# RADISHES FOR ALL THE YEAR ROUND



**Earliest Carmine, Olive-Shaped**—The earliest forcing radish known. Succeeds in the open ground, and takes only 20 to 22 days to form. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**White Olive-Shaped**—When grown from true seed, the root is very handsome, regular, olive-shaped, and a fresh, pure white; crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Early Scarlet Turnip**—Very early; in great demand for home use. Small, round, with short top. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Scarlet Turnip, White Tip**—Handsome bright scarlet color, with white tip. Many gardeners make a sowing of it every two weeks all summer; its fine appearance attracts customers; quality always pleases. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Early White Turnip**—Pure white in color; with a small top. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Large White Summer Turnip**—The market gardeners' favorite. Round, smooth, and very white; crisp and tender. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**CHARTIER—(Scarlet, White Tip)**—A distinct, exceedingly handsome and attractive sort. Color of the top is scarlet-rose, shading into pure waxy-white at the tip. Attains a very large size before it becomes unfit for the table; undoubtedly the best All Seasons radish for the open ground. Ready for use or market nearly as early as Long Scarlet Short Top, and keeps crisp and tender for two months. Planted late it makes a good winter keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Chartier Long White—(Nonpareil)**—Derived from the preceding, and in all respects similar, only that the color is pure white. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**French Breakfast**—A variety of quick growth. Very mild and tender; one of the best for forcing; oval form, scarlet, tipped with white. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

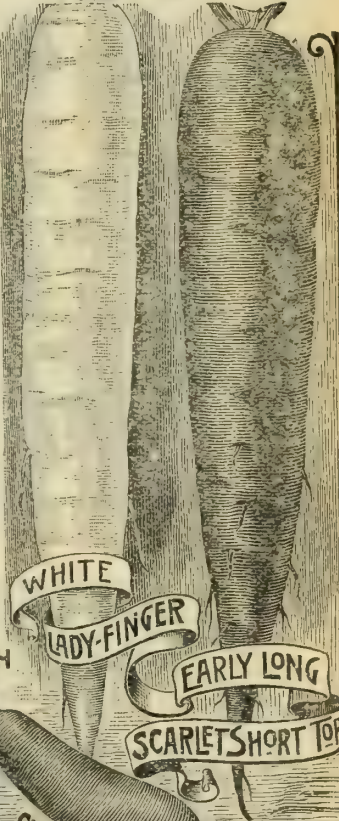
**Wood's Early Frame**—Ten days earlier than the Long Scarlet, which it resembles; an excellent variety for forcing. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**White Strasburg**—The roots are of handsome, oblong, tapering shape; both skin and flesh are pure white; the flesh is firm, brittle and tender, and possessing the most desirable character of retaining its crispness, even when the roots are old and large. It is excellent for summer use, as it withstands severe heat and grows very quickly. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early Long Scarlet Short Top**—An admirable sort for forcing; also the leading out-door quick-growing variety, both for private and market gardens the country over; grown in rich, light soil, its average length is about eight inches; grows half out of ground, straight, uniform in color, brittle and crisp; small tops; bright scarlet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**White Lady Finger—(Long White Vienna)**—Finest Long White Radish in cultivation. Beautiful shape; skin and flesh pure white; crisp; rapid grower. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Non Plus Ultra—(Deep Scarlet Forcing Turnip)**—The earliest forcing radish in cultivation. Roots small, round, deep rich scarlet; crisp, tender, white flesh. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



## WINTER VARIETIES.

Sown in summer and used in the fall, or put away same as turnips. For winter use store in the cellar, or in pits with turnips.

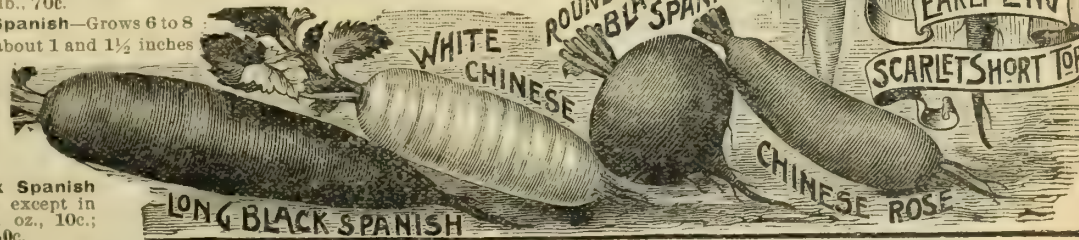
**WHITE CHINESE—(New Celestial)**—A large, stump rooted radish with white skin and flesh. Can be sown from July 1st to August 15th and will keep all winter in prime condition. Mild in flavor, brittle and never woody like some winter varieties. Market Gardeners will find this a splendid seller and those who secure it first will make some money out of it. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**Chinese Rose—(Scarlet China)**—A bright rose-colored winter variety, of excellent quality; certainly one of the best, and would be grown generally by radish growers if better known. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

**California Mammoth White**—Grown extensively by Chinese in California; 8 to 12 long, 2 to 3 inches in diameter; white; solid; good flavor. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 70c.

**Long Black Spanish**—Grows 6 to 8 inches long, and about 1 and 1½ inches through at the top; skin black; flesh white and of firm texture. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Round Black Spanish**—Like the above except in shape. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.



For Cincinnati Market and other New Radishes, SEE NOVELTY PAGES

FOR LARGER QUANTITIES OF RADISH SEED SPECIAL PRICES WILL BE MADE BY LETTER.

# SQUASH.

Squashes should not be planted until all danger from frost is past, but get in the winter kinds as soon as possible, in order that they may mature. Plant in hills 5 feet apart for bush varieties, and 6 or 8 feet for running varieties, putting six or eight seeds to the hill, finally leaving but three plants. One ounce of the Bush varieties for 40 hills, or of the large-seeded kinds, 15 hills; two or three pounds of the Bush, and three to four pounds of the large-seeded for an acre.

## Livingston's Improved Cushaw Squash.

This is the genuine Cushaw of "ye olden time," and is a great favorite where known. It is very beautiful in appearance, being a distinct mottled green and white striped. The flesh is yellow, solid, fine grained, very sweet, and excellent for pies; also good for baking. In weight they average about 15 pounds, but on good rich soil 30 pound specimens are common, and even 35 and 40 pounders are found. They are hardy, and bugs seldom eat them, especially when other varieties are near. Can be grown among corn, same as pumpkins, and yield a good crop, but the better way is to grow them separately on good, rich soil, in hills 10 to 15 feet apart each way. This variety sells well on market, and should be in the hands of every market gardener. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 80c.

J. A. CHARLES, Lee Co., Miss. "I have a specimen of Cushaw Squash that will weigh 50 pounds."



LIVINGSTON'S IMPROVED CUSHAW SQUASH.

**White Bush Scallop**—"Patty Pan," "Cymbaling"—The well-known summer squash; very productive; pure white; to be used when young and tender. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 50c.

**Mammoth White Bush Scallop**—An excellent large strain, earlier than the common stock, creamy white and averaging double in size; a prolific bearer; a splendid variety for market, and the best of all for Southern shippers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Extra Large Golden Bush Scallop**—Decidedly the best strain of *Yellow Scallop*. It has been selected and grown for years until it has doubled in size, and, at the same time, lost none of the other good points, such as earliness, quality and productiveness. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

**Giant Bush Summer Crookneck** A beautiful bright yellow, larger than the ordinary Summer Crookneck, more warty, and several days earlier; bears all summer, and commands good prices; very desirable for market or private gardens. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.

**Colvin's Orange Marrow**—The skin has the appearance of a rough, dark-colored orange. In flavor it is fully up to the Hubbard. Quality excellent when matured. It is ready for market very early, and if the early squashes are picked the vines keep bearing until frost. Well ripened squashes weighing fifteen pounds have been grown in eight weeks. It is a good keeper. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 60c.



COLVIN'S ORANGE MARROW SQUASH.

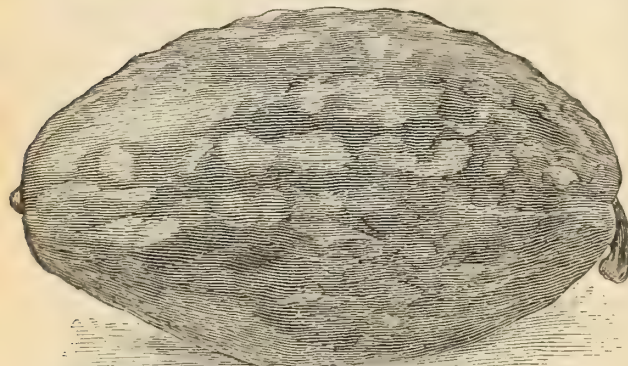
**NEW EUREKA—A First-class Farmers' Squash**, profitable to grow for feed as well as market purposes. The flesh is very thick and fine grained, and whether baked, steamed or boiled is of fine quality. The outside color is an attractive light grayish green. Its rough and uneven surface indicates its good qualities for the table. Weighs from 20 to 25 pounds, wonderfully prolific, a vigorous vine, producing two and three large sized fruits at consecutive joints. When well matured its shell becomes quite hard, but not enough so that stock cannot readily eat them. Pkt. 5c.; oz. 10c.;  $\frac{1}{4}$  lb. 20c.; lb. 65c.

**FAXON**—The characteristics of this new Squash are **superb quality**, earliness, long keeping, variety of colors, shapes and sizes, superiority in sweetness and richness of flavor, without regard to size. In color it differs from all other squashes. When ripe some are pale yellow with paler yellow stripes in the hollows—others are green mottled. The flesh is deep orange-yellow. Has very small seed cavity. While uncooked it seems to have a hard shell, but after cooking there is practically none. It is sweet and dry, and excellent for pies. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 20c.; lb., 65c.

**FORDHOOK**—Of convenient size for family use. Flesh dry and sweet, and seems incapable of rotting; if placed in a cool, dry room, keeps in perfect condition throughout the winter and spring, until late in June. The thin, hard stem and roots, which are slim and hard, furnish absolutely no food for the squash borer. Maturing early, it is a sure cropper and immensely productive. Skin thin and meat thick; seed cavity small. May be used at any stage of growth. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.

## CHICAGO WARTED HUBBARD SQUASH.

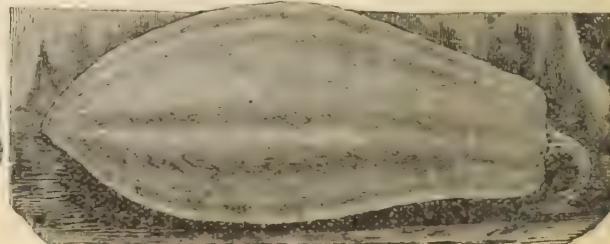
This seems to be, by all odds, the very best strain of Hubbard Squash we have ever grown. Some of its good points are large size, dark green, almost black, color, all looking alike, and withal distinguished by a dense covering of knots ("warts"); thick flesbed, of first-class quality, and a good keeper. Their handsome appearance appeals strongly to customers. Pkt., 5c.; oz., 10c.;  $\frac{1}{4}$  lb., 25c.; lb., 75c.



EUREKA SQUASH.



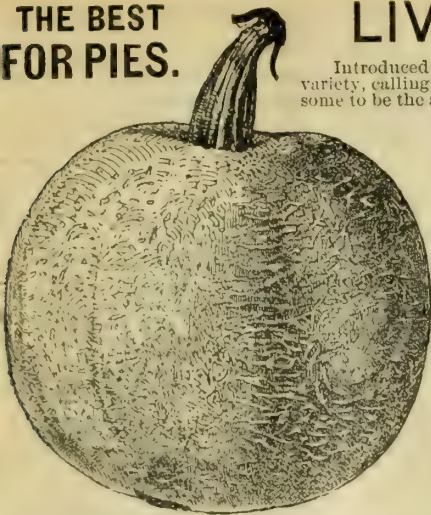
Chicago Warted  
Hubbard.



FORDHOOK SQUASH.

THE BEST FOR PIES.

# LIVINGSTON'S PIE SQUASH.



LIVINGSTON'S "PIE SQUASH."

skin; the flesh is a rich salmon yellow, fine grained, pie and table squash; finds ready sale. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**ESSEX HYBRID**—*Ripens Early*; one of the finest grained, richest flavored, most prolific and sweetest of the squash family, and keeps till the following June. Flesh very rich orange color, dry and solid. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Mammoth Chili**—**TRUE STOCK**—Largest of all squashes. The outer color is a rich orange yellow; smooth skin; flesh is very rich, bright yellow; keeps well throughout the entire winter and spring; it is very productive, of fine shape and fair quality, and profitable for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

We can supply the well-known

Marblehead, Perfect Gem, Canada Winter Crookneck, Brazil Sugar, Coconut, Pine Apple or White Turban, American Turban, Early Prolific Marrow and Bay State. Each, packet, 5c.; oz., 10c.; ¼ lb., 20c.; lb., 65c.

Introduced to the public by us eight years ago as "*Pie Squash*." Some seedsmen insist on renaming this variety, calling it "*Pie Pumpkin*," etc., after it has been known for years as "**Pie Squash**." It is claimed by some to be the same as Winter Luxury Pumpkin; this is incorrect, Livingston's Pie being more smooth (showing no ribs whatever), and of more uniform growth in type and crop. We have always called it a Squash, inasmuch as the family from whom we first obtained our seed had always called it by the habit of speaking of it as such. Whether Squash or Pumpkin, one thing is sure, it is far in advance of any Pumpkin in quality. The skin is similar to that of the golden russet apple. The flesh is yellow and very thick, making them appear almost solid. It is early, surprisingly productive and a willing and hardy grower. All in all, we call it the grandest thing out for pies. Its size and attractive appearance make it a ready seller on market. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

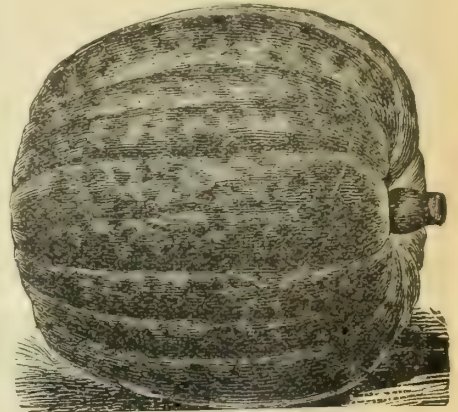
Mr. H. N. SMITH, South Sunbury, Mass., writes: "I find the New Pie Squash to be a very early sort, and of excellent quality for pies."

## TRUE HUBBARD SQUASH.

Generally considered the best Winter Squash grown; flesh dark yellow, fine grained, dry and it boils and bakes dry, and if plenty of milk is added it will make an excellent pie. It has a very hard shell, is productive, and will keep perfectly until spring. We offer a very carefully grown stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Pike's Peak, or Sibley**—Shell smooth, thin, and of a pale green color; the flesh is thick, solid, deep orange color, very dry, fine grained and delicate flavor. Weighs from nine to eleven pounds, and are excellent keepers. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Boston Marrow**—A popular fall and winter variety. A thin, bright orange sweet and dry; very prolific; splendid



TRUE MAMMOTH CHILI SQUASH.

# SPINACH.



ROUND SUMMER SPINACH.

For spring use sow early in drills one foot apart, and for succession every two weeks; as it grows thin out for use, keeping it clear from weeds. For fall use sow in August; for winter use sow in September in well manured ground; mulch with straw on approach of severe cold weather.

One ounce for 100 feet of drill; 10 lbs. for an acre in drills.

**NEW VICTORIA**—Quick to mature; forms very large, exceedingly thick leaves, savoyed in the center. It remains in condition for use much longer than most kinds, and cannot fail to please. Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 40c.

**Round Summer**—A standard sort with all market gardeners for early spring sowing; it stands the winter well, but is not quite so hardy as the Prickly; the leaves are large, thick and fleshy. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

**Prickly Seeded**—The hardest of all, therefore the best where the winters are severe. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

**Improved Thick Leaf (Viroflay)**—A decided improvement on Round Summer. Has very large, thick leaves of great substance. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

**Curled-Leaved Savoy (Norfolk, Bloomsdale)**—The earliest variety; of upright growth; fine, large, tender, savoyed leaved. Grows quick but will not stand long. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

**New Zealand**—Withstands heat and drouth and produces leaves in great abundance throughout the summer in the hottest climates, and where ordinary Spinach will not do well; should be started in heat and transplanted three feet apart each way, into light, rich soil. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 90c.

**Long Standing**—This is an improved strain; later in going to seed than any other; especially desirable for market gardeners. Oz., 5c.; ¼ lb., 15c.; lb., 35c.

Special Prices on Spinach in any quantity on application.

# SALSIFY.

(Vegetable Oyster.)



OYSTER PLANT.

When properly cooked it is a good substitute for oysters in taste and flavor, and is very nutritious. In cooking the roots are usually boiled, or they can be mashed and made into fritters. It succeeds best in light, well enriched soil. If it is necessary to use manure, it should be very fine and well rotted. Sow early in drills eighteen inches apart, and two inches deep; finally thin to four or five inches apart. The roots are perfectly hardy, and may remain out all winter. They are best after frost has touched them. One ounce for 50 feet of drill.

**GOLDEN SALSIFY**—When prepared for the table this variety has a quality which, for delicious flavor, extreme richness and tenderness, has been unapproached by either of the old varieties. Its habits of growth is unlike other varieties; the leaves are dark green in color, finely crimped and curled, and the roots have a slightly yellowish tinge. Pkt., 10c.; 3 pkts., 25c.

**Long White**—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Mammoth (Sandwich Island)**—Very large and superior variety. Mild and delicious flavored. Pkt., 5c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.

**Scorzoneria (Black Salsify)**—Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

# SORREL.

Of easy growth; it is cultivated for its leaves, which possess a fine flavor when boiled and served like Spinach; also makes a good soup.

**Broad-Leaved French**—The best variety. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

# TOMATO.

FOR very early fruit the seed should be sown in a hot-bed about the first week in March in drills five inches apart and half an inch deep. Later sowing may be made until the last of April. Sufficient plants for a small garden may be started by sowing a few seeds in a shallow box or flower pot and placing in a window in the house. When the plants are 3 or 4 inches high they should be set out 4 or 5 inches apart in another hot-bed or cold frame, or removed into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden. Water freely at time of transplanting, and shelter from the sun a few days until the plants are established. Cultivate thoroughly as long as the vines will permit, but the last two or three workings should be very shallow (surface cultivation) or the crop may be badly injured, especially if the cultivator is run too near the plants. Tomatoes will admit of training to stakes or trellises of various kinds, and the fruit is very much improved, not only in appearance but in quality. This mode of cultivation is quite common among gardeners who grow for early market. The usual method is to set one strong plant to a stake, using stakes 5 to 7 feet high, tying the plants up with wool or other strong, soft twine, pruning out quite freely as vines advance in growth. By adopting this method plants may be set much closer than in the ordinary way. For fine, large specimens of high color and attractive appearance generally, grow the clusters of fruit in paper sacks, as is commonly practiced by grape growers. The sacks should be put on when the tomatoes are about three-fourths grown. Some successful growers cut their plants back two or three days before setting in the open field, providing they have grown too tall for easy handling.

About 2,000 plants from one ounce of seed is a safe estimate.

## NOTHING TO BE COMPARED WITH IT.

GEORGE B. CHAMBERLAIN, Essex Co., N. Y. "The seeds we have bought of you cannot be beat. We raise your Stone Tomato and think there is nothing in the line of tomatoes to be compared with it. I shall always buy my seeds of you."

## New Varieties and the Growing of Large Quantities Our Specialty.

No Establishment in the World Makes such a Specialty of Tomato Seed Growing as Ourselves.

In making this claim we mean actual growing. Some who claim to be extensive growers in this line, we find do a large portion of their growing at the back door of some canning factory, simply washing out seed from the refuse. Such seed may contain a mixture of half a dozen or more varieties.

This "Vegetable Fruit" has become indispensable to house-keeping in this and many other countries within the past twenty-five years, and which, we feel, without boasting, is largely due to the excellent qualities of the varieties bearing our name.

**THE FAME OF THE VARIETIES ORIGINATING WITH AND INTRODUCED BY US HAS EXTENDED TO EVERY COUNTRY ON THE FACE OF THE GLOBE WHERE THE TOMATO CAN BE GROWN.**

Our first Tomato, the "PARAGON," was introduced in 1870, after working five years to bring it to a high state of perfection. It was the first and only strictly smooth red tomato ever sent out up to that time, and is as good to-day, in our hands, as when introduced 27 years ago, showing no signs whatever of degenerating. In 1875 the first perfectly smooth purple tomato, the "ACME," was introduced by us. Since that time we have introduced 12 of the best standard and most distinct varieties ever brought before the tomato growers of the world. They were introduced in the following order: "PERFECTION," in 1880; "GOLDEN QUEEN," in 1882; "FAVORITE," in 1883; "BEAUTY," in 1886; "POTATO LEAF," in 1887; "STONE," in 1891; "ROYAL RED" and "GOLD BALL," in 1892; "BUCKEYE STATE," "ARISTOCRAT" and "LARGE ROSE PEACH," in 1893, and "HONOR BRIGHT," in 1897.

## HAVE USED YOUR SEED TWENTY-SEVEN YEARS.

"Since you first introduced your Paragon Tomato, at which time my father got 25 seeds for 25 cents, considering it the best bargain he ever made. We always find your seeds far ahead of any others and always true to name."—MRS. E. HASCHKE, Shasta Co., Cal.



## PACKET PRICES OF THE LIVINGSTON VARIETIES

REGULAR SIZE, 10c. each, 3 for 25c.—of one or more kinds.  
HALF SIZE, 5c. each, 6 for 25c.—of one or more kinds.

**LIVINGSTON'S STONE.** (Introduced by us in 1891.)—This variety has obtained great favor with canners, Southern growers and market gardeners everywhere. Its solidity and carrying qualities are remarkable. Its color is a desirable red; in shape, perfectly smooth, and thicker from stem to blossom end than most varieties, making it very handsome and salable. Nobody finds any fault with this variety, but all speak in the highest terms of its beautiful color, its wonderful yielding qualities, its unequalled firmness, or some other of its good points.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

THOS. L. ROSS, Bibb Co., Ga. "I am growing this season seven kinds of your Tomatoes and two kinds each of two other seedsmen, and have determined to plant only three kinds next season—namely, Beauty, Stone and Aristocrat."

## LIVINGSTON'S BEAUTY.

PROF. W. J. GREEN, Horticulturist Ohio Experiment Station. "At the station we have found, after many trials, no better or more productive variety than Livingston's Beauty for forcing under glass, and next to it, in my opinion, comes Livingston's Stone."

For over 15 years extensive trials have been carried on in a most thorough and practical manner by these gentlemen and their able assistants

**LIVINGSTON'S BEAUTY.** (Introduced by us in 1886.)—A decided favorite for either home market or shipping purposes, being early, hardy, a strong grower, productive, large size, always smooth, perfect in shape and excellent in quality. The color is a very glossy crimson with a tinge of purple. It grows in clusters of four to six large fruits, retaining its large size late in the season. It ripens with Acme and Perfection, and is entirely free from ribbed and elongated fruit. It is very firm fleshed, has a tough skin and but few seeds. It seldom rots or cracks after a rain like many of the tender skinned sorts. For shipping and early market it cannot be excelled, on account of solidity, toughness of skin, and especially its handsome color; it can be picked quite green, will look well and ripen up nicely, and keep nicely for a week after it is ripe. Used largely by marketmen and long-distance shippers everywhere.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.75.

## THE BEST FOR UNDER GLASS.

## LIVINGSTON'S STONE.

PROF. W. B. ALWOOD, Agricultural Experiment Station, Blacksburg, Va. "Your Beauty Tomato was superb, as usual, and gave us magnificent fruit. We consider it the standard by which comparison of other sorts is made, and are also using it now exclusively for winter forcing."



# LIVINGSTON'S Buckeye State Tomato.

**The Largest**

Smooth Tomato in the World.  
Bearing the Livingston Name.  
Clustered of any Variety.  
Tomatoes in the Clusters.

(Introduced by us in 1893.)

It averages at least one-half larger than Livingston's Beauty. Many "mammoth" sorts have been introduced of late, but on first trial they are rejected on account of their rough and uneven surface, if for nothing else. When, therefore, we state that in addition to its very large size, it is also smooth and uniform, like all the other sorts introduced by us, we are sure we have said enough to enlist the attention of Tomato Growers everywhere. This is not all, however, for although its large size might lead some to believe the fruits are few in number, yet the fact is, it is even more prolific and abundant in fruit than most any of the standard sorts now in cultivation. It is unquestionably the heaviest cropper known. The tomatoes are borne in immense clusters of four to eight extra large fruits, and occasionally ten large fruits have been found in single clusters. It matures with the Livingston's Stone. In solidity and meatiness it has no equal, and in desirable quality none surpass it. The color is much the same as Livingston's Beauty, but of a somewhat darker shade, and this, together with its very large size and clear-cut outlines, make it very showy and striking when displayed for sale. In shape it is a little thicker from blossom end to stem than most other sorts. For five years we have grown this variety by the ordinary method, as well as on stakes, on our Tomato Farm near this city, and the tomatoes were the admiration of all visitors.

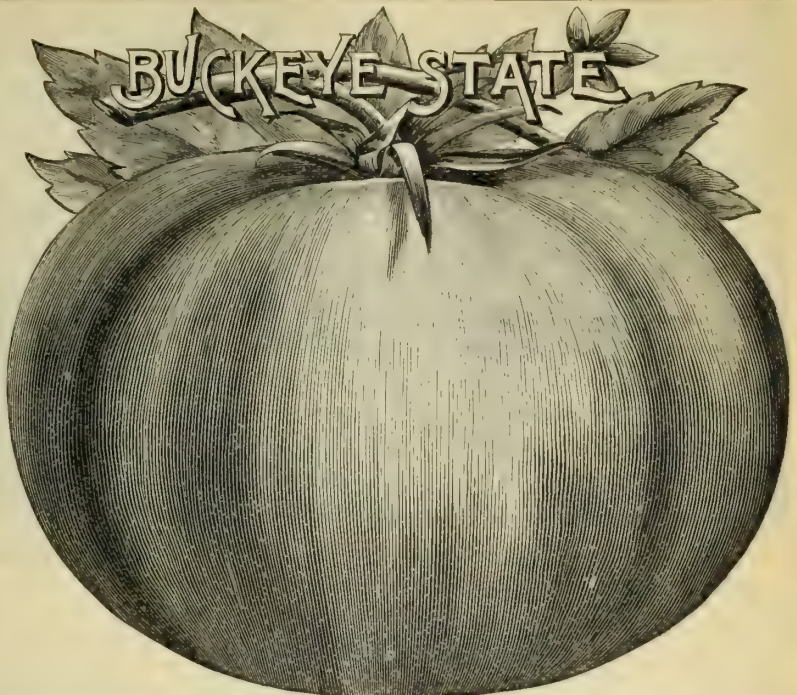
PRICE OF CHOICE SELECT SEED—Pkt., 10c.; ½ oz., 20c.; oz., 35c.; ¼ lb., \$1.00; lb., \$3.50.

F. M. FRAZER, Adair Co., Ky. "I have won the prize every year at our County Fair for five years on Livingston's Buckeye State Tomato."

J. C. BROWNBRIDGE, Van Buren Co., Mich. "I had a cluster of 13 Buckeye State Tomatoes growing on muck soil last year that weighed 17¼ lbs. I would have sent them to you but I let them get too ripe. I had them on show up town and they were a sight."

BOLIVAR LUCKETT, Toristell, Mo. "Your Buckeye State Tomato is unsurpassed for beauty, quality and size, by anything we ever grew in the Tomato line. I heartily recommend it to all lovers of good tomatoes."

C. E. PATTERSON, Belmont Co., Ohio. "I grew your Buckeye State Tomato last year. It is the best I have ever raised. We get 25 cents a bushel more for our tomatoes than other growers here."



JOSEPH LONG, Kennebeck Co., Maine. "I write to speak of the success of your seed. The Buckeye State Tomato this year has been a great success with me, as it was last. Though a little late for this northern latitude, they are certainly the largest and smoothest Tomato. Your Dwarf Aristocrat I have tried this season, and was delighted with its size and beautiful color. It yielded the most fruit to the square yard of any kind I had."

F. P. HEFLEY, Crockett Co., Tenn. "Every Tomato Grower in this County wants plants from your Acme seed."

DANIEL D. CLARK, Jackson Co., Ohio. "Your Buckeye State Tomato has attracted considerable attention. It and your Beauty are the best I have ever raised."

## LIVINGSTON'S EARLY ACME. (Introduced by us in 1875.)—The Earliest Real Good Tomato,

especially for market gardeners' use. Probably there is no one variety so well known and generally cultivated throughout the United States, both for early and main crops. The plants are of strong and vigorous growth, very productive; fruit of medium size, perfect form, round, slightly depressed at the ends and very smooth (never rough); color, a glossy red, with purplish tinge; ripens all over and through at the same time.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

## LIVINGSTON'S EARLY PERFECTION. (Introduced by us in 1880.)—An improved Acme with red skin,

somewhat larger, fully as early, has more solid flesh and fewer seeds, and produces more and larger fruit at the close of the season. Invariably smooth and of a handsome blood-red color. All who have tried it pronounce it of the highest quality. Some canners prefer it to all others, especially those who can the tomatoes whole.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

## LIVINGSTON'S FAVORITE. (Introduced by us in 1883.) The Canner's Favorite

and one of the best and largest perfect shaped Red Tomatoes in cultivation. Ripens evenly and as early as any other good red sort, holding its size to the end of the season; free from cracks, and is not apt to rot at the blossom end; very prolific, good flavor, few seeds, flesh solid, bears shipping long distances. It is used almost exclusively in the extensive cannery sections of Maryland, and has been generally grown for years for the canner's trade throughout the United States. We grow thousands of pounds annually to supply this demand.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

## LIVINGSTON'S PARAGON. (Introduced by us in 1870.)

Our first introduction, and, although it is twenty-eight years since it was first offered, we have kept it up to its original standard, and it has to-day the preference in many localities. Many gardeners, canners and catsup makers will have no other. It is a large sized variety, larger than several of the standard kinds cultivated. An immense cropper. The flesh is solid, well colored and flavored. Ripens between the early and late varieties, grows vigorous and has a distinct heavy foliage, and no variety holds its size better late in the season. Color of skin, deep red.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.

## LIVINGSTON'S ROYAL RED. (Introduced by us in 1892.)

This fine variety is worthy of a prominent position alongside of its renowned predecessors already bearing the "Livingston" name, which are well and favorably known to-day by everybody, because they were all that was claimed for them, and even better than expected. A first-class main crop variety for the shipper, catsup maker, marketer and private gardener; no essential point is lacking. Everybody is attracted by its vivid red color and handsome general appearance.

PRICE—Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.; lb., \$2.50.



OUR SEAL.

## CAUTION.

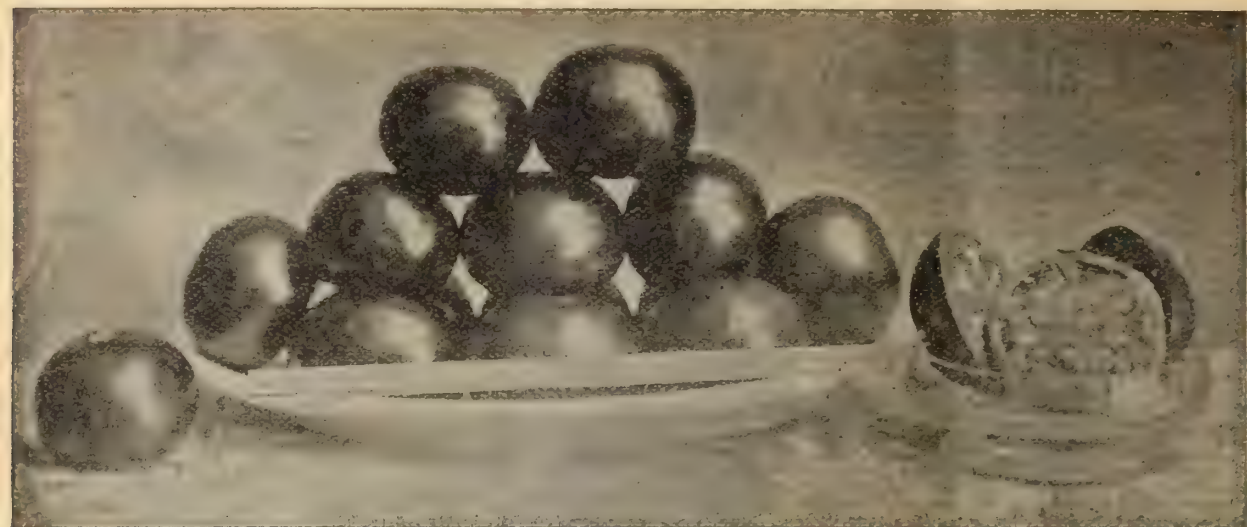
TO BE SURE of seed grown by us insist on having it in packages bearing our registered TRUE BLUE SEAL.

Large quantities of spurious seed are sold annually as Livingston's by unprincipled persons, hence we give this warning.

THE SEED WE OFFER WAS SAVED FROM CHOICE SELECTED FRUITS of true original type, and cannot fail to please the most critical grower.

## PACKET PRICES OF THE LIVINGSTON VARIETIES

REGULAR SIZE, 10 cents each, 3 for 25 cents—of one or more kinds.  
HALF SIZE, 5 cents each, 6 for 25 cents—of one or more kinds.



### LIVINGSTON'S DWARF ARISTOCRAT TOMATO.

**LIVINGSTON'S DWARF ARISTOCRAT**—(Introduced by us in 1893). This fine *early variety* in habit of growth and foliage resembles the Dwarf Champion very much, and might be taken for that popular variety if it were not for the color of its beautiful rich, glossy RED fruit, so much preferred in many localities to the purple or rose-colored varieties. The size, solidity, productiveness, smoothness, flavor of its fruit, etc., is up to the present **standard of excellence**. It is **desirable for forcing under glass**, especially on the side benches, and for growing outside for early market purposes. It may be planted two by three feet, or even closer, making it also suitable for small gardens, where every foot of land is to be utilized. Its peculiar dark green foliage and glossy red fruit attract the attention of every passer by.

PRICE—Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 80c.; lb., \$3.00.

**LIVINGSTON'S POTATO LEAF**—(Introduced by us in 1887). A distinct variety and superior to all other potato-leaved sorts in the market. The leaf resembles Mikado or Turner Hybrid, but the fruit is *always smooth*, medium large, very firm, and of desirable quality. It is second early, everbearing until killed by frost, and it takes a pretty sharp frost or two before the fruit is injured, being protected by the thick, broad leaves. It has a strong vine and resists the wind remarkably well; an excellent variety for growing on trellises or tying up to stakes. *A very good variety for hot climates*, the leaves protecting the fruit from the scorching rays of the sun.

PRICE—Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**LIVINGSTON'S GOLDEN QUEEN**—(Introduced by us in 1882). "Queen of All the Yellows" and a **real good yellow sort of first-class quality**. Its superior flavor has brought it into general favor as a table fruit. It is solid, always smooth, entirely free from ridges, large in size, ripens early, and is the most beautiful yellow variety ever sent out. The larger and riper fruits are sometimes tinged with red at the blossom end. None excel it for eating raw or slicing. The handsome golden-yellow slices make a beautiful contrast in a dish with red sorts. It has very little acid, and the quality is excellent. Makes handsome, rich preserves.

PRICE—Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**LIVINGSTON'S GOLD BALL**—(Introduced by us in 1892). It is a beautiful canary yellow variety, and no other yellow sort, except our Golden Queen, can approach it in quality. The flesh is thick and of extra good quality; not so large as Golden Queen; smooth as an apple and of a handsome color; grows in clusters; produces enormous crops.

PRICE—Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

**LIVINGSTON'S LARGE ROSE PEACH**—(Introduced by us in 1893). It has all the general characteristics belonging to this singular and distinct class of Tomatoes, but is larger than any Peach variety yet brought out. Is a profuse bearer until killed by frost, and has the *agreeable mild flavor*, as well as the *suffused coloring* and the peculiar *peach like bloom* or furze on its surface. It has shown no signs of rotting in the past five years.

PRICE—Pkt., 10c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.75.

**DWARF CHAMPION**—We make a specialty of this grand and very distinct variety, and have grown a number of acres every year since its introduction. A single plant of it was first found some ten years ago in a field of our Acemes. Its dwarf, compact and upright growth enables it to be planted two to three feet apart each way. Heavy manuring, instead of producing a superabundant growth of vine (as in many varieties), increases the yield and size of the fruit. In form and color they resemble Acme—smooth and symmetrical in shape, ripening close around the stem. It matures the fruit early, is very productive, medium large, and frequently crowded close together on the branches for fifteen inches. Foliage is an unusually dark green color.

TRUE STOCK—Pkt., 5c.;  $\frac{1}{2}$  oz., 15c.; oz., 25c.;  $\frac{1}{4}$  lb., 75c.; lb., \$2.50.

## Other Varieties.

Below we offer a list of other meritorious varieties. For years past we have aimed to give all new varieties of Tomatoes offered a thorough test for quality and comparative points on our trial grounds near this city, which are under our own personal supervision. Not only that we may keep abreast the times on the Tomato question, but posted on varieties and in position to offer those deserving of introduction as fast as brought out. Our limited space in this department of our catalogue will not admit of full and extended description of the various varieties. The stocks we offer below we recommend as good as any offered by our competitors or the original introducers.

**NEW IMPERIAL**—It is a purple sort, ripens well around the stem, is very thick meated and solid, but we have not been able to ripen it a day earlier than Beauty, nor do we find it as productive. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**Early Ruby**—A REAL EARLY VARIETY. A single plant of it was first observed in a field of Livingston's Perfection. The fruit, although not so large or so smooth, ripens earlier than Perfection. The open habit of the plant admits the sun and ripens the fruit, which is compact around the base of the plant, and the whole crop ripens very early. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**PONDEROSA**—The fruit ripens quite early and keeps on coming until very late; of immense size, solid, almost seedless, and of good subacid flavor. The fruits are somewhat scattered on the vine, and a large percentage are too rough to please most growers. When ripe it is apt to remain somewhat green around stem end, and it seems to ripen on the inside first, and on this account should be picked when it appears to be about half ripe. Pkt., 5c.;  $\frac{1}{2}$  oz., 20c.; oz., 35c.;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.50.

**Mikado or Turner's Hybrid**—In color a purplish red; quality good when well ripened; foliage distinct; generally quite smooth, but always some rough ones. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.25.

**Trophy, True**—Fruit very large and generally smooth; solid, good flavor, and very productive. Choice, selected seed, as good as it can be grown. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

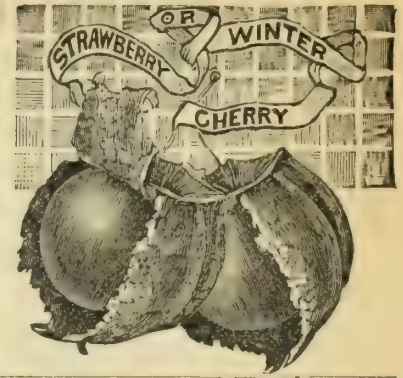
**Atlantic Prize**—One of the EARLIEST OF ALL; not only ripens its FIRST FRUITS but a LARGE PROPORTION of the crop earlier than most any other sort; quite valuable to all with whom EARLINESS is the main object desired. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

**MATCHLESS**—A rich cardinal red color; symmetrical in form; free from core; of large size; a good healthy grower. Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

We can supply the following varieties at the uniform price of—  
Pkt., 5c.; oz., 20c.;  $\frac{1}{4}$  lb., 60c.; lb., \$2.00.

MAY FLOWER, RED QUEEN, EARLY CONQUERER,  
HATHAWAY'S EXCELSIOR, LORILLARD,  
CANADA VICTOR, ESSEX HYBRID, CINCINNATI PURPLE,  
ADVANCE, OPTIMUS, IGNOTUM, FORDHOOK,  
EARLY MICHIGAN, CUMBERLAND RED, LIBERTY BELL,  
VOLUNTEER, CARDINAL, LONG KEEPER.

Also many other varieties and a host of "re names," or said to be new Tomatoes at customary prices.



## NEW PEACH TOMATOES.

**Purple Peach**—This striking and peculiar variety resembles some varieties of peaches so closely in size, shape, color and general appearance that it is frequently taken for a real peach. It seems to have the real bloom or furze of the peach upon its surface. In color, a deep rose blended with orange amber; it is productive, comes early, and lasts until frost, and never rots. Its equal in delicacy of flavor does not exist in the Tomato family. The skin is thin and peels off like that of a peach. It is very ornamental for table decoration or exhibition purposes. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

**Yellow Peach**—Differs from the above in color only, being a rich golden color and having the bloom or furze of a peach upon its surface. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

### Husk, or Strawberry, Winter Cherry, Etc.

This delicate husk enveloped Tomato is unequalled for making preserves and pies. Dried in sugar, as raisins or figs, or to use in fruit cake, they are unexcelled. They are handsome in color, and keep

until midwinter or longer. They have a strawberry flavor, and produce fruit in great abundance. Aside from being a great curiosity and very attractive, they sell first-rate in market, and are rapidly becoming very popular.

**Purple Husk**—This new and beautiful variety produces fruit in great abundance, from one to two inches in diameter, enveloped with a husk. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

**Golden Husk**—Fruit a handsome golden color, the size of large cherries; much esteemed by many to eat from the hand; makes an excellent pie. The recipe for making the pie will be on the packet containing seed. Pkt., 5c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

## SMALL TOMATOES.

Excellent for Preserves, Pickles and Pies.

<b>Red Currant</b> .....	Pkt., 5c.	<b>Yellow Plum</b> .....	Pkt., 5c.
<b>Red Cherry</b> .....	Pkt., 5c.	<b>Yellow Cherry</b> .....	Pkt., 5c.
<b>Red Pear-Shape</b> .....	Pkt., 5c.	<b>Yellow Pear-Shape</b> .....	Pkt., 5c.

Prices of any of the above named varieties by the ½ oz., 15c.; oz., 25c.; ¼ lb., 80c.; lb., \$3.00.

# TURNIP.

in drills or broadcast, though much larger crops are obtained by drill culture. Land newly cleared, or old pasture ground well manured with thoroughly rotted manure or other good fertilizer at time of sowing will produce the best and sweetest Turnips. Always sow just before a rain if possible. The success of the crop depends upon a quick growth, especially in the start. One pound is sufficient to sow an acre.

**Extra Early Purple Top Milan**—A new, early, very white variety, with purple top and strap leaf; mild and sweet; remains in good condition for a long time. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

**Extra Early White Milan**—Same as above, except it is pure white. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 90c.

**Scarlet Kashmir ("CARDINAL")**—The beautiful pinkish color of this new turnip makes it very striking. It produces large, smooth white-fleshed roots of excellent keeping qualities. Among the earliest. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**Early Flat Dutch or White Top Strap-Leaved**—A standard variety; good size; pure white; small top, with but few leaves; very sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Early White Egg**—An egg-shaped variety for spring or fall sowing; flesh white, firm, fine grained, mild and sweet. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Yellow Stone**—One of the best yellow-fleshed varieties for table use, and equally good for feeding stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.

**Purple Top White Globe**—A variety of decided merit. Globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Yellow Globe, or Amber**—One of the best for general crop; flesh firm and sweet; grows to a large size; excellent for table use or stock, and keeps well until late in the spring. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Golden Ball, or Orange Jelly**—A rapid grower of excellent flavor; globe-shaped; bright yellow color; good keeper and a superior table variety, or for stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.



EARLY WHITE FLAT DUTCH. PURPLE TOP STRAP LEAF.

**Large White Globe**—A large, round, white turnip, with firm, sweet flesh. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Purple Top Strap-Leaved**—The well-known, popular variety, either for family or market use; large size; white, purple above ground; flesh fine grained. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Long White, or Cow Horn**—Grows very thickly partly above ground; very productive; flesh white, fine grained, sweet, and of excellent quality for family and market gardener's use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

## RUTA BAGA VARIETIES.

The Ruta Baga varieties should be sown a month earlier than Turnips, as they require longer to mature.

**Improved American**—(PURPLE TOP)—Very hardy and productive; flesh yellow, sweet and solid; good for stock or table use. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**White Russian, or Large White Ruta Baga**—Grows very large; excellent for table or stock; flesh firm, white and solid; has a very rich and sweet flavor. The best keeper of any. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**Long Island Improved Purple Top**—This is undoubtedly the finest variety of Purple Top Ruta Baga, and is twice the size of the ordinary stocks. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 60c.



YELLOW PURPLE TOP RUTA BAGA.

yellow color; good keeper and a superior table variety, or for stock. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

# VEGETABLE PLANTS, ROOTS, ETC.

Prices do not include prepayment of expressage. *Sent only by express, not by mail. No orders shipped under \$1.00.* We keep all the following varieties on hand in their proper season, and can ship fresh from the beds and well packed on short notice. Write for our **Special Mid-Summer Plant List**, which gives the prices of Late Cabbage, Celery, etc. Issued in June.

<b>CABBAGE, EARLY—(Ready April 10.)</b>			
	PER 50	100	1000
Extra Early Wakefield and All-Head Early... } Henderson's Early Summer and All Seasons... }	\$0.40	\$0.75	\$4.50
Write for prices on larger quantities; also for late grown Cabbage Plants.			

<b>CAULIFLOWER—(Ready April 1 to May 1.)</b>			
	PER 50	100	1000
Livingston's Earliest and Extra Early Erfurt... } Henderson's Early Snowball..... }	.65	1.00	7.50

<b>CELERY—(Early Crown, Ready June 1.)</b>			
	PER 50	100	1000
Dwarf Golden Heart, White and Pink Plumes... } Golden Self-Blanching and Giant Pascal..... } Giant Golden Heart..... }	.60	1.00	.....
Special Prices on larger quantities; also on later grown plants.			

<b>SWEET POTATO—(Ready May 15.)</b>			
	PER 50	100	1000
Extra Early Carolina..... } Yellow Nansemond (Jersey)..... } Red Jersey..... }	.25	.35	2.50
Prices on application for any quantity on Sweet Potatoes.			

<b>HEDGE PLANTS.</b>			
	PER 100	1000	
Osage Orange—Two years old..... } Honey Locust..... }	\$0.35	\$3.00	
	.75	4.50	
For prices on larger lots write us.			

<b>TOMATO—(Ready May 1.)</b>			
	PER DOZ.	50	100
Livingston's Acme, Beauty and Buckeye State..... } Favorite, Perfection and Paragon..... } Stone, Golden Queen and Royal Red..... } Dwarf Champion and Dwarf Aristocrat..... }	\$0.20	\$0.60	\$1.00
	\$1.00	\$7.50	

Lower prices later in the season. We grow immense quantities of **TOMATO PLANTS** for the general crop, and are in position usually to make special prices on all leading sorts on orders for 1,000 to 100,000 plants.

<b>ECC PLANT—(Ready May 1.)</b>			
	PER DOZ.	50	100
Large N. Y. Purple and Livingston's Mammoth..... }	\$0.25	\$0.85	\$1.50

<b>PEPPER—(Ready May 1.)</b>			
	PER DOZ.	50	100
Sweet Mountain and Mammoth Ruby King..... } Cayenne and Bull Nose..... }	.20	.60	1.00

**HOP ROOTS**—Plant very early. Per doz., 25c. If by mail, add 5c. per dozen for postage.

**CHIVES**—Good clumps, by express, each, 10c.; dozen, \$1.00; if by mail, 10c. each, extra.

**ARTICHOKE ROOTS**—Lb., 30c.; 3 lbs., 75c., *postpaid*. By express or freight—Pk., 60c.; bus., \$2.00; bbl. of 3 bus. (enough for one acre), \$5.00.

**HORSE RADISH SETS**—See page 33.

**RHUBARB ROOTS**—See page 47.

**ASPARACUS ROOTS**—See page 17.

5,000 and 10,000 lots at low prices.

## MISCELLANEOUS FARM SEEDS.

The prices given below are **NET CASH, free on cars, this city**, purchasers paying all transportation charges; at the prices quoted here we make no charge for bags or cartage. The prices quoted are subject to market fluctuations. Should any article seem high, or when customers are in need of large quantities, we will be pleased to quote them, *on application*, the lowest prices that the market will justify at the time.

### SEED OATS.



Prices to Suit

THE TIMES.

### New American Oats.

This splendid Oat originated in Maine. It is a very heavy growing, strong strawed variety, and it is claimed by the introducer to be almost proof against Rust and other forms of disease; a sure and large cropper, having yielded as high as 104 measured bushels per acre; the grains are large, white, thin-hulled and handsome, and are in every way first-class. American born and American grown, we predict for this variety a first place with consumers. We have a limited supply but while it lasts will sell as follows:

**PRICE (postpaid)**—Large packet, 10c.; lb., 25c.; 3 lbs., 60c. *By express or freight*—Peck, 40c.; bus. (32 lbs.), \$1.25. **SACKS FREE.**

**American Banner**—Invariably yields large crops. Grains large, white and plump; ripens early, and has stiff straw of good strength. *Postpaid*—Lb., 25c.; 3 lbs., 60c. *By express or freight*—Pk., 30c.; bus., 80c.; 5 bus., \$3.25; 10 bus., \$6.00. **SACKS FREE.**

**THE NEW SEIZURE OATS**—We offered this grand variety in our Seed Annual for the last two seasons, and have not had a complaint from a single farmer among the many who tried it. We unhesitatingly state that the Seizure is not surpassed by any variety in this country for **PRODUCTIVENESS AND STANDING UP QUALITIES.** *It is a White Variety, of*

*Side Oats Class. Kernels large, of medium length, uniform and taper pointed. Straw of good length, and very seldom goes down. This variety has been grown at the Ohio Agricultural Experiment Station since 1886, and will be found heading the list of its class in the various bulletins sent out. Price (postpaid)*—Large packet, 10c.; lb., 25c.; 3 lbs., 60c. *By express or freight*—Pk., 30c.; bus. (32 lbs.), 90c.; bag of 2½ bus., \$2.00; 2 bags, \$3.50; 10 bus., \$6.00. **SACKS FREE.**

**EARLY WHITE SWEDISH OATS**—We have been looking for several years for a **FIRST-CLASS EARLY OATS.** In the **Early White Swedish** we have found what is desired. It has been well tested in various parts of the country and we are well satisfied it is a variety that will meet with general favor among farmers. It has a good straw and is very prolific. While our **LIMITED STOCK** lasts we will sell at the following **LOW PRICES**: *Postpaid*—Large packet, 10c.; lb., 30c.; 3 lbs., 75c. *By express or freight*—Pk., 30c.; bus. (32 lbs.), 90c.; bag of 2½ bus., \$2.00; 5 bus., \$3.75; 10 bus., \$7.00. **SACKS FREE.**

**SPECIAL PRICES** on larger quantities on application. Also **BOTTOM PRICES** on various other kinds offered by other seedsmen.

### SURGHUM, OR SUGAR CANE.

Subject to Market Changes.

Sorghum is being used extensively as a green food for cattle, horses and mules; it is a sure crop, being a great drouth resister and an immense yielder, producing many tons of most nutritious green food to the acre. Specially fine for food for milch cows when pasture is short.

**Early Orange Cane**—A strong grower; much more juicy than any other variety. The stalk is heavier, and a little later than the Amber. *Postpaid*—Pkt., 10c.; lb., 20c.; 3 lbs., 50c. *By express or freight*—10 lbs., 50c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

**Early Amber Cane**—This popular and well-known variety is the earliest and makes the finest quality of both sugar and syrup. *Postpaid*—Pkt., 10c.; lb., 20c.; 3 lbs., 50c. *By express or freight*—10 lbs., 50c.; 50 lbs., \$1.75; 100 lbs., \$3.00.

Write for prices on larger quantities.

### TEOSINTE.

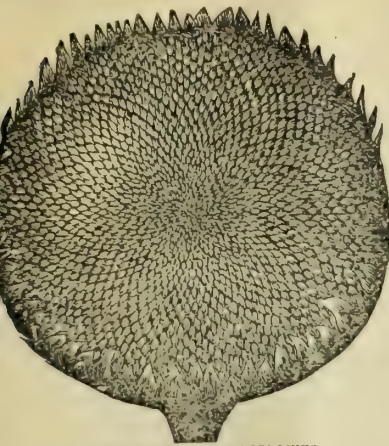
A most prolific forage plant. Resembles Indian Corn, but the leaves are much longer and broader. The stalk is very nutritious. It can be cut several times during the season, yielding enormously. One seed will sometimes produce twenty to sixty shoots. Should not be planted until the soil is perfectly warm. Four pounds sufficient for an acre. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

Our Seed Oats are all Fanned and Well Cleaned.

**NEW BEARDLESS BARLEY, "SUCCESS."**

"SUCCESS BARLEY," the earliest barley known, if sown about the 15th of March will ripen about the 25th of June. The straw is about the height of the common barley, but better and will stand up on any soil; with good land and season has produced 80 bushels per acre, and the straw can hold it up. Sow as early as you can; frost does not hurt this barley but remained on land from harvest until spring and sown the next season. It will, if sown early, head two or three days earlier than winter rye, and ripen four or five days before the rye, and being beardless handles as easy as oats and makes a stronger feed.

Price, (postpaid)—1 lb., 25c.; 3 lbs., 60c. By Express or Freight—Peck, 40c.; bus., \$1.25.



MAMMOTH RUSSIAN SUNFLOWER.

**MAMMOTH RUSSIAN SUNFLOWER.**

**Mammoth Russian Sunflower**—Growing to double the size of the common sunflower, and the yield of seed is twice as great. One hundred and twenty-five bushels to the acre have been grown at less expense than corn. Highly recommended for poultry; the best egg producing food known. The seed is good feed for horses.

By Mail, (postpaid)—Oz., 5c.; ½ lb., 15c.; lb., 25c. By Express or Freight—10 lbs., 75c.; 25 lbs., \$1.50; 100 lbs., \$4.50.

**Spring Vetches, or Tares**—A good forage plant; also used for plowing under. Sow two bushels to the acre, broadcast like wheat or barley. Used in France and Canada as a substitute for peas; also sown into flour and mixed with wheat flour for making bread.

Postpaid—Lb., 25c. By Express—4 qts., 50c.; peck, 90c.; bus., \$3.25.

**Kaffir Corn**—One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make splendid food for poultry, fed either in the grain or ground and cooked. The foliage and stalks make excellent forage. Cultivate the same as common corn, requiring four or five pounds of seed per acre.

By Mail (postpaid)—Oz., 5c.; ¼ lb., 15c.; lb., 20c., 3 lbs., 50c. By Express—10 lbs., 60c.; 50 lbs., \$2.00.

**Wild Rice (Zazania Aquatic)**—For planting in fish ponds it is desirable, and as an attraction for wild fowl it cannot be equaled. Also does well along the edge of marshes and makes fair hay. Sow in the fall or very early spring. Will grow in water eight feet deep.

By Mail (postpaid)—Large pkt., 10c.; ¼ lb., 15c.; lb., 35c. By Express—10 lbs., \$2.50; 20 lbs. (1 bushel), \$4.00.

**Chufas, or Earth Almonds**—A species of "grass nut" (*Cyperus Esculentus*) much used to fatten hogs. It is not to be confounded with the Cocoa or Nut Grass, for though it belongs to the same class, the chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows three feet apart and eight to ten inches apart in the row. If seed is dry soak before planting. One peck of seed per acre.

Postpaid—Pkt., 10c.; quart, 35c. By Express—Quart, 30c.; peck, \$1.50; bus., \$4.50.

**THE HAIRY VETCH.**

(Vicia Villosa—"Sandwicken.")

The most valuable of all the Vetches. It succeeds on all soils, and does not suffer from extremes of drouth, heat or cold. Sown in August or September, it will cover the ground with a dense mat of forage, which, in the Southern States, will afford abundant pasture throughout the entire winter. In the Northern States it remains green all winter under the snow, and is invaluable for early pasturing or soiling. In the southern States where the Crimson Clover does not thrive, and in the Northern States where the clover is winter-killed, the value of the Hairy Vetch is inestimable. Sown in spring, it quickly produces a most luxuriant crop. Sow 40 to 50 lbs. per acre.

Postpaid—Pkt., 10c.; lb., 25c. By Express or Freight—Bus. of 60 lbs., \$4.50.

**RAPE.**

**Dwarf Essex**—This plant is extensively grown in Europe and Canada for forage, especially for sheep, and for green manure, for which purpose there is perhaps no plant better adapted where a quick, rank growth is desired. Farmers who raise much stock and desire to get young cattle, sheep or lambs into favorable condition to be sold unobtrusively in the fall, can do it most cheaply by growing this Rape. Prepare the ground as for turnips and sow in June or July, with a turnip drill, in rows two and one-half feet apart, at the rate of two and one-half pounds of seed per acre, or may be sown broadcast at the rate of five pounds per acre. Our stock is the True Essex Dwarf, and not the worthless annual.

Postpaid—Oz., 10c.; ¼ lb., 15c.; lb., 30c. By Freight or Express—10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.00.

**WINTER WHEAT.**

Prices on application in season on several good kinds.

**RYE, Spring Rye**—An excellent catch crop when the fall sown varieties have been winter-killed. The straw is shorter and for paper makers' use it is preferred to any other. Bushel, \$1.50.

Common Winter Rye—Bushel, \$1.00.

Prices in any quantity on application.

**BROOM CORN.**

**Improved Evergreen**—The best variety for general cultivation on account of color and quality of brush; ripens very early, grows about eight to ten feet high, brush of good length, fine and straight, and always of green appearance when ripe.

Postpaid—1 lb., 25c.; 3 lbs., 60c. By Express or Freight—10 lbs., \$1.00; 25 lbs., \$1.75; 100 lbs., \$5.75.

**New Japanese**—Extra Early; matures in about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long.

Postpaid—Lb., 25c.; 3 lbs., 60c. By Express or Freight—10 lbs., \$1.00; 25 lbs., \$1.75; 100 lbs., \$5.75.

**BUCKWHEAT.**

Should be sown about the middle of June, broadcast, using from one to three pecks of seed to the acre.

**New Japanese**—This new sort has proven to be much earlier and more productive than any other variety. The grains are very large and of a rich brown color. It excels all in yield and earliness.

Postpaid—Lb., 25c.; 3 lbs., 60c. By Express or Freight—Peck, 40c.; bus., \$1.25.

**Silver Hull**—A very good and popular variety. The grain is of a light gray color, is rounder than the common variety, has a much thinner husk, matures earlier, and yields a half more to the acre.

Postpaid—Lb., 25c.; 3 lbs., 60c. By Express or Freight—Peck, 40c.; bushel, \$1.25.

Prices on larger lots on application.

**FIELD PEAS.**

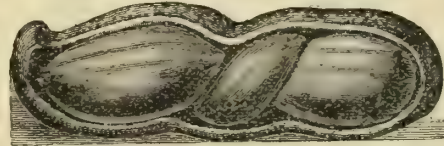
**Cow Peas, or King of Land Renovators**—This is not exactly a Pea, but more properly belongs to the bean family. Cow Peas have been grown largely in the South to reclaim or renovate soil too poor to grow clover and for seed production. Scientific tests have, however, demonstrated that the food value of the Cow Pea, either for hay or ensilage, is equal to, if not exceeding, that of clover; and by putting it to this use its manurial value is not impaired when fed to stock and the manure returned to the soil. They should not be sown until the ground becomes warm; say from May 15th to June 15th, and can probably be grown as a second crop after wheat in the North. When sown in drills three feet apart, one bushel will sow two acres. Sown broadcast, from one to one and one-fourth bushels are required to seed an acre properly. Plant in a thoroughly pulverized soil. If grown for fodder or seed, plant in drills and cultivate thoroughly. If grown to plow under, sow broadcast. Cow Peas will yield from 8 to 12 tons of cured vines per acre, which is equivalent to from 1 to 2½ tons of cured hay per acre. Weight, per bushel, 60 pounds. Varieties in most general use **Black Eye**, seed of which is round oblong, creamy white with a large black eye; **Clay Bank**, pod, large, yellow; pea, medium cream colored. Either variety—postpaid—Quart, 35c. By Express or Freight—Peck, 60c.; bushel, \$1.75; 10 bushels or over, \$1.60 per bushel.

**Canada Field Peas**—Valuable for Northern climates for cattle-feeding. Used as feed for pigeons, etc., and for green soiling.

Postpaid—Quart, 30c. By Express or Freight—Peck, 40c.; bus., \$1.25.

**PEANUTS.**

**Virginia Improved**—The mammoth Virginia Peanut is a very profitable variety to grow, and more desirable than the common spreading kind. It is easily cultivated; very erect stems, upright foliage; largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make a valuable forage for stock.



By Mail (postpaid)—Large package, 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By Express—4 lbs., 50c.; 10 lbs. or over, 10c. per pound.

**Spanish Peanut**—The Earliest Variety Grown—Pod small, but remarkably solid and well filled, and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation it is the best variety to grow for fattening hogs.

Postpaid—Large package, 10c.; ½ lb., 20c.; lb., 35c.; 3 lbs., \$1.00. By Express—4 lbs., 50c.; 10 lbs. or over, 10c. per pound.

**TREE SEEDS.**

**Osage Orange**—Best of all hedge plants. By Mail (postpaid)—Oz., 10c.; ¼ lb., 20c.; lb., 50c. Special price on application in quantity.

Plants in Season—See page 56.

**Catalpa (Speciosa)**—The hardy Western variety largely planted. Rapid grower and makes the best timber trees. By Mail (postpaid)—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 65c.

**Russian Mulberry**—Planted for silk culture; easily grown; hardy; fine hedge; fruit quite palatable. Tree makes fence posts in five years, and fine lumber. Pkt., 10c.; oz., 20c.; ¼ lb., 60c.; lb., \$2.00.

Prices on other Tree Seeds given on Application.

# Recleaned Grass and Clover Seeds.

CUSTOMERS understand that prices on Grass and Clover Seeds are changing (almost daily), and that we can only give prices subject to market fluctuations. Bags are included at the prices here given. Those wanting Seeds in larger quantity than here quoted should write for special prices. **OUR SINGLE POUND PRICES INCLUDES POSTAGE PAID BY U.S.** Please bear this in mind when comparing our prices with others who require you to add postage to their quotations.

<b>Kentucky Blue Grass—(June Grass)—(<i>Poa pratensis</i>)</b> —Universally known; desirable for pastures and lawns. Sow in fall or spring at the rate of 2 to 3 bushels per acre. <b>Fancy clean seed.</b> (Bus. 14lbs.)	Lb. 10 Lbs. 100 Lbs.		
	30	\$1.65	\$10.00
<b>Orchard Grass—(<i>Dactylis glomerata</i>)</b> —Extremely hardy and widely known. One of the earliest to start in spring; grows rapidly and furnishes an abundance of pasture during the entire season. 1½ to 2 bushels per acre. (Bus. 14 lbs.)	30	1.45	11.00
<b>Red Top Grass—(Prime)—(<i>Agrostis vulgaris</i>)</b> —Thrives well in almost any soil, but best in low land, and produces a very firm sod. Sow 1 to 2 bushels per acre. (Bus. 14 lbs.)	25	1.00	9.00
<b>Timothy—(<i>Phleum pratensis</i>)</b> —A well-known variety. When ready to buy write us for latest prices, whether you want a bag or a carload. (Bus. 45 lbs.) <b>Prime Seed.</b>	20	.50	3.75
<b>Choice.</b>	20	.65	4.25
<b>Wood Meadow Grass—(<i>Poa nemoralis</i>)</b> —Adapted for pasture or pleasure grounds; of early growth; thrives well under trees. Sow 2 bushels per acre. (Bus. 14 lbs.)	45	4.00	30.00
<b>Sweet Vernal—(<i>Anthoxanthum odoratum</i>)</b> —Is very fragrant, especially when bruised or cut. Mixed with other grasses for pasture it is quite valuable, as it starts early in spring and grows until late in the fall. (bus. 10 lbs.)	50	1.50	40.00
<b>Tall Meadow Oat Grass—(<i>Avena elatior</i>)</b> —Used for soiling. It succeeds well in sandy lands, and, owing to its long, fibrous roots, stands cold and drought well. Sow 3 bus. per acre. (Bus. 10 lbs.)	35	2.25	20.00

<b>Johnson Grass—(<i>Sorghum halapense</i>)</b> —A large, strong-growing grass. Succeeds well in the South. Good for hay or pasture; stands drought well. Sow 3 bushels per acre. (Bus. 25 lbs.)	25	1.00	9.00
<b>Perennial Rye Grass—(<i>Lolium perenne</i>)</b> —Very nutritious and valuable grass for meadows and permanent pastures; rapid grower, and the most prominent grass in England. 1 to 1½ bushels to the acre. (Bus. 24 lbs.)	25	1.00	8.00
<b>Meadow Fescue—(<i>Festuca pratensis</i>)</b> —Thrives in all soils; excellent for permanent pastures; starts early; very productive. Sow 1½ to 2 bushels per acre. (Bus. 24 lbs.)	25	1.25	11.00
<b>Sheep's Fescue—(<i>Festuca ovina</i>)</b> —Grows naturally on light, dry, sandy soils and mountain pastures. Is considered quite valuable as a mixture with other grasses for permanent early spring. (Bus. about 12 lbs.)	25	1.75	15.00
<b>Rhode Island Bent Grass—(<i>Agrostis canina</i>)</b> —A valuable grass for lawns; sow 3 or 4 bushels to the acre for lawns; for pasture, 1½ to 3 bushels. (bus. 12 lbs.)	35	2.50	20.00
<b>Hard Fescue—(<i>Festuca duriuscula</i>)</b> —Not very productive, but it is of a very fine quality, and thrives well in dry situations, where many other grasses would fail, thus making it a desirable pasture variety. (Bus. about 12 lbs.)	25	1.75	15.00

Write for Special Prices on Grass Seeds before you buy in either fall or spring. Also for Prices of other Grasses not mentioned above.

## Clovers

Parties wishing to buy in large quantities will do well to get samples and prices before placing their orders. We are in position to handle it on a close margin and supply the finest grades.

The Prices here given are subject to Market Change without notice. Samples free on application.

<b>Medium, or Common Red—(<i>Trifolium Pratense</i>)</b> —The Clover Seed of Commerce, and the most important and valuable of the Clover family for agricultural purposes. Sow 15 lbs. to the acre. (Bus. 60 lbs.)	Lb. 10 Lbs. 100 Lbs.		
	30	\$1.00	\$7.50
<b>Alsike, or Hybrid—(Swedish)—(<i>Trifolium Hybridum</i>)</b> —Has fibrous roots like White Clover; valuable for hay and pasture when mixed with other grasses. Esteemed highly for bee pasture.	30	1.40	11.00
<b>Mammoth Clover—(<i>Trifolium Pratense Percutit</i>)</b> —Valuable with other grasses for mixed hay; ripens about with Timothy, Orchard and other grasses. Being a rank grower it is largely used for plowing under as a fertilizer.	30	1.00	7.50
<b>White Dutch—(<i>Trifolium Repense</i>)</b> —Grows naturally in pastures in a great variety of soils and situations; indispensable in parks and lawns.	45	2.50	20.00

**CRIMSON, or SCARLET ITALIAN—(*Trifolium incarnatum*)**—This wonderful Forage Plant, more commonly called Scarlet, is a great nitrogen gatherer, makes a growth of from 20 to 30 inches high, has a bright crimson blossom from 1½ to 3 inches long, and when in full bloom is a thing of beauty. It is a winter crop, and being an annual it must be sown in July, August and September of each year from which the spring following can be cut for soiling, by the 20th of April; for ensilage, and hay by the 1st to the 15th of May in this latitude, and for seed crop about the 1st week of June. It will produce on ordinary soil 8 to 12 tons of green food per acre, 1½ to 2½ tons of hay per acre, and 2 to 12 bushels seed per acre, plowed under as a manurial crop it is worth as a fertilizer \$30 per acre. It can be sown in corn, tomatoes, cabbage, beans, peas, watermelons, cantelopes or any cultivated crop, also with buckwheat. It has been sown to keep down weeds and to be plowed under as a manure, with most excellent results. When sown in July and August it furnishes excellent pasture in November and December. Where Red Clover failed to give a good stand or blighted on wheat stubble, the stubble can be harrowed over and scarlet clover sown, which will more than make up the loss of the Red Clover. Ten to fifteen pounds are necessary to seed an acre properly, and after sowing the seed it should always be covered by harrowing with a light harrow; and be sure to use only American grown seed. (Bus. 60 lbs.)



30 1.00 7.00

## CLOVER—CONTINUED.

**Alfalfa, or Lucerne—(*Medicago Sativa*)**—One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; bears cutting three or four times in a season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots fully three feet into the earth. Sow early in spring to secure a good stand before winter, if to be used for pasture or curing

	30	1.10	10.00
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## Millet

Prices subject to Market Change.

**German, or Golden Millet—True Southern Grown**—Is a very valuable Hay and Fodder Crop, producing at least double the amount of Hay over Hungarian or any other Millet. **TRUE SOUTHERN GROWN GERMAN MILLET SEED** is far superior, both in quality and yield of product, to Western grown seed. The True Southern German Millet will grow in any climate or soil, and when properly grown and handled, makes an enormous yield of most nutritious animal feed, and that without impoverishing the soil to any great extent. To get these results, however, the seed must be sown thickly, not less than one bushel per acre, at any time between May 1st and July 15th, and the crop cut in six to eight weeks, while it is in bloom, before the seed hardens in the head. Managed in this way it will prove the most satisfactory and profitable forage and summer hay crop much relished by all kinds of stock. Cures easily, will withstand more abuse when stacked than any other hay. We have known stacks that have stood out three and four years that would open out bright and good. Prepare the ground well before sowing the seed. Cover only slightly, single stroke of a light harrow, or roll without harrowing, or it may be sown with wheat drill, setting drill to barely cover the seed. **Seed, 25c.; 10 pounds, 50c.; 100 pounds, \$3.00.**



Head of Millet from Southern Grown Seed.

**Hungarian (Crass) and Western Crown Millet..... Market Price**

# LIVINGSTON'S LAWN SEED FOR ALL PURPOSES.

A beautiful lawn is one of the most pleasing features connected with the country or suburban home, and when once made, will last for years if the right material is used and the work properly done.

The first steps necessary are *proper drainage and a careful preparation of the soil.* Then comes **GOOD SEED, proper time of sowing, quantity of seed, careful watering, &c.**

In making a new lawn, the soil should be carefully cultivated to the depth of about one foot, carefully graded to the desired level and well rolled, after which a light raking will prepare it properly for the reception of the seed. The soil should be good but not made too rich, as the grass is apt to grow over rank in such soil. The ground may be prepared as early in the spring as it is possible to work the same, or what would be better, prepared in the fall and the seed sown in the spring as early as the ground can be got in good order. *Never sow oats or other grains with lawn seed.* Strong growing plants are more of a detriment than a benefit to weak plants.

When the grass is ready for its first cutting, give the lawn a good mowing two or three days ahead, choosing damp weather, or the cool of the day, and if possible, mow with a sharp scythe rather than with the lawn mower for this first cutting; after that, the lawn mower may be used, setting the mower as high as possible, not cutting too close to the ground until the lawn is well established; about once a week in favorable growing weather is often enough, but not so often in dry weather. Use the lawn sprinkler or hose freely and roll occasionally, especially

in early spring after the frost comes out of the ground and before it settles or becomes hard with spring rains.

**Remember** that it is essential to dig the soil deep and prepare thoroughly, sow high grade seed liberally at the right time, and not less than four bushels to the acre.

**Old lawns** are greatly benefitted if given a thorough raking as early in the spring as the weather will permit, and then some fresh seed sprinkled on, which will renew the thin places and spots that have been killed out by weeds and other causes.

**Time to Sow.** Lawn Seed can be sown at almost any time from early spring to late in the fall, but the best time is very early in the spring, or about September 1st, depending somewhat on the condition of the season at the time of sowing.

**For Grassing a Terrace.** We can do no better than recommend the old and tried receipt, as follows: Take for each square rod a pound of lawn-grass seed, and mix it with about six cubic feet of good, dry garden loam. Place it in a tub and add liquid manure, diluted with about two-thirds water, until the mixture has the consistency of mortar. Make the slope perfectly even and smooth, water it well, then apply the paste in a thin, even coat.

**Our mixtures** are composed of the best seeds procurable and are as free as it is possible to make them from weeds. The seeds of our mixtures are *tested for vitality* before mixing.



## LIVINGSTON'S LAWN SEED MIXTURE.

We have made the subject of Lawns a study for many years and this mixture has been prepared and sold by us in all parts of the country, giving general satisfaction.

In making a lawn great care should be taken to use only the very best quality of pure lawn seed so as to produce a **SOFT, VELVETY, EVER-GREEN SOD**, that will withstand cutting and heat of summer, and the severe cold of winter. It is not made of annual grasses for a *quick show*, nor of the chaffy, light-weight seeds, sold by some seedsmen at cheap prices. **Our mixture weighs about 20 pounds** to the measured bushel and is not surpassed by any of the celebrated brands in this country.

**QUANTITY OF SEED REQUIRED TO SOW AN ACRE** (43,560 sq. ft.).—For new lawns, not less than four bushels; for renovating old lawns, from one to two bushels.

**PRICE:** A pound of our mixture will sow about 500 square feet.  
**PRICES:** FIRST QUALITY, per lb., 25c.; 5 lbs., \$1.00; 1 bu., \$3.50; 2 bu., \$6.50; 5 bu., \$15.00.  
 SECOND QUALITY, per lb., 20c.; 3 lbs., 50c.; 1 bu., \$3.00; 2 bu., \$5.50; 5 bu., \$12.00.

**If to go by mail, add to the above prices 10c. per lb., for postage.**

**Livingston's Lawn Seed Mixture** can be had with or without White Clover, as customers prefer.

## OUR LAWN GRASS MIXTURE FOR SHADY SITUATIONS.

On nearly all lawns there are shaded bare and unsightly spots on which the owners have difficulty in getting a stand of grass; for such places this mixture is adapted. It is composed of dwarf-growing grasses which are found naturally growing in such places. Should the ground have become "sour," or drainage defective, it is apt to be covered with moss. If such is the case apply some lime or land plaster to loosen it after first removing the moss, then rake thoroughly and sow the seed at the rate of not less than four bushels per acre.

**PRICE—Lb., 40c.; 5 lbs., \$1.75; bus., \$6.50.**  
**If to go by mail, add to the above price 10c. per lb. for postage.**

## Our Grass Mixture for Tennis Lawn, Croquet Grounds, Etc.

A mixture composed of low-growing, hardy grasses suitable for grounds of this character.

**PRICE—Lb., 40c.; 5 lbs., \$1.75; bus., \$6.50.**  
**If to go by mail, add to the above price 10c. per lb. for postage.**

## KENTUCKY BLUE GRASS

Many prefer plain Blue Grass to a mixture, and it cannot be denied that it produces a beautiful and lasting lawn. It takes longer, however, to get it established.

**PRICE (Fancy clean seed)—Lb., 30c.; 3 lbs., 60c.; bus. 14 lbs., \$2.00.**  
**If to go by mail add to the above price 10c. per lb. for postage.**

## LAWN FERTILIZER.

**Old and New Lawns require stimulating** after the long drag through the winter, or in the fall after the season of cutting and the heat of summer. For this purpose we furnish a superior grade of bone-meal which we have found, after years of experience and tests, to be the best adapted to the wants of the lawn, the finer particles being a ready supply of available food for immediate use, while the coarser particles are broken down by the elements and taken up later on, giving a very lasting effect. By using this dressing all unsightliness and disagreeable odors are avoided. No weed seeds will fill your lawn as they frequently do when stable dressing is used. It should be sown broadcast, from the middle of February to the first of May, at the rate of 600 to 800 pounds to the acre, according to the condition of the lawn. In preparing a new lawn use a liberal quantity and rake it in thoroughly before sowing the seed.

**100 pound Bag, enough for 2,500 Square Feet..... \$2 00**  
**50 pound Bag, enough for 1,250 Square Feet..... 1 50**  
**25 pound Bag, enough for 600 Square Feet..... 1 00**  
**10 pound Bag..... 50**

CANTON, OHIO.

GENTLEMEN: I bought over \$50.00 worth of Lawn Grass Seed and also my garden seed of you. I find your seed *the truest and the best.* You may expect my future orders.  
 Yours, very respectfully,

T. M. REED, Supt. of Public Parks.

# SEED CORN.

The varieties of Field Corn we offer below are the best now in general use. They were grown especially for seed purposes, and are all well matured, cured, and shelled with great care. We test all varieties before sending out, that there may be no doubt as to vitality if properly planted and the conditions are favorable. **TO AVOID DELAY** when ordering **LATE** in the season, it would be well to mention your **SECOND CHOICE**, or state whether we shall send a sort adapted to your locality or refund the money, provided we are sold out of your **FIRST CHOICE** at the time your order arrives.

It only costs about 20 cents an acre to use our Carefully Selected and Tested Seed Corn. Is it wise to risk doubtful corn from the crib?

**Price** Of any of the following varieties of Field Corn. By Mail, postpaid—Sample Ear, 25c.; large packet, 5c.; quart, 30c. By Express or Freight, (at buyer's expense), 6 Select Ears, 25c.; quart, 15c.; peck, 40c.; bus., \$1.25; 5 bus., \$5.00; 10 bus., \$9.00. Sacks Free.

## TRUE CLARAGE YELLOW FIELD CORN.

BEST SECOND EARLY. SURE TO RIPEN.

It has been grown extensively by farmers in this locality for over fifty years. It ripens between the Pride of the North and Leaming. The ear is nearly as large as the leaming, very uniform in its entire length, and well filled out at both ends; husks very easily; of rich golden color, and very productive. In favorable seasons it has ripened here when planted as late as the first of July. Highly recommended by Ohio Experiment Station as one of the best in points of early maturity and productiveness.

## MAMMOTH WHITE DENT.

This is a large eared variety, combining all the good points required in corn growing sections South of the 40th parallel. It has a broad, very deep, pure white kernel and cob—in fact a stray red cob will hardly be found in a thousand bushels; grades "strictly white" in any market. It is very desirable for white corn meal, and those desiring a large white corn cannot fail to be pleased with it.

**PRIDE OF THE NORTH**—The very earliest Yellow Dent Corn in cultivation, and can be successfully grown farther North than any other Dent. It originated in extreme Northern Iowa over ten years ago. Ripens readily in New England. Matures perfectly in 90 days; it is very hardy and prolific; ears uniform, of good size, cob small, kernels closely set on the cob, and are long and compact.

**EARLY WHITE DAWN**—An excellent White Dent variety, with bright, solid, glossy white kernel; small red cob; stalks often bear two good ears; grains grow well over tips of cobs; matures in 90 to 100 days. A good yielder, adapted to all corn growing localities, and gives universal satisfaction; excellent for any soil and gives better yield on clay land than any of the yellow kinds.

**TRUE YELLOW LEAMING**—An extensively grown large Yellow Dent variety. The Seed we offer is True Leaming. Has pure glossy yellow ears growing low on a strong, heavy stalk; the grains are square and deep; ripens quite early, frequently maturing in one hundred days from planting; will yield, on good soil, with proper tillage and favorable seasons, from 75 to 100 bushels per acre.

**EARLY MASTODON**—A new Early Dent variety originated in Northern Ohio. The ear is extra large, with large, deep grains; it grows strong, rank, quick, and makes fine appearing shelled corn—two shades of white and yellow.

**WHITE CAP YELLOW DENT**—This is a corn of great merit. It is suitable for all soils, grows large ears and matures early. It grows strong, rank and thick, and, it is claimed, will produce more corn on poor, thin soil, than any kind now in cultivation. It will be appreciated by those living in drouth sections, while on strong, rich soil it has no superior. The tip end of the grains are white, inside yellow, making it a beautiful color. Large growers in the corn belt, as well as those out of it, will be pleased with this corn.

## FODDER AND ENSILAGE CORNS.

BY EXPRESS OR FREIGHT AT BUYER'S EXPENSE.

**EVERGREEN SUGAR**—There is nothing better for early fall green feed, or for curing for winter than Sweet Corn. It has the great merit of being so sweet and palatable that cattle eat every part of the stalks and leaves, and consequently none is wasted. A favorite with dairy farmers. Also excellent for soiling. Can be planted as other corn or sown thickly in drills or broadcast. Peck, 50c.;  $\frac{1}{4}$  bu., 75c.; 1 bus., \$1.40;  $\frac{2}{4}$  bus., \$3.00; 2 bags, \$5.50; 4 bags, \$10.00.

**RED COB ENSILAGE**—A Southern type of large white corn with red cob, strong, leafy stalks and short joints; a general favorite. Peck, 35c.; bus., \$1.10; 2 bus., \$2.00; 5 bus., \$4.75; 10 bus., \$9.00.

**POP CORN.** **WHITE RICE**—The best variety for popping purposes; the grain is pointed, pops white and full, is very productive, and of excellent quality. By Mail, (postpaid), 2 Nice Sample Ears, 10c.; pkt., 5c.;  $\frac{1}{4}$  lb., 15c.; lb., 25c.; 3 lbs., 60c. By Express, (not paid) 10 lbs. for 60c.; 40 lbs. for \$2.00.

If you need a Larger Quantity of any of these Corns, write us for Lowest Prices and Freight Rates.



TRUE CLARAGE YELLOW.



MAMMOTH WHITE DENT.



# POTATOES FOR SEED. IT PAYS TO CHANGE SEED.

The necessity for changing Potato Seed often is universally admitted by all well posted growers, but too seldom practiced, especially when the best seed can be had at so little additional outlay. By using our Northern Grown Seed you are assured of early maturity, increased yield, and a vigorous growth. Our growers in Michigan are Potato Specialists, and have grown for us for years, and the growth and extent of our potato trade is the result mostly of the growers' painstaking care and general knowledge in growing and selecting the seed stock with which to grow the crop. To grow healthy stock, they use first-class potato land, nothing but pure, well matured, good-sized seed, treating the seed and spraying the foliage when necessary. The potatoes are very carefully handled when digging and barreling, that they may not be bruised or otherwise injured.

**EARLY ORDERS.**—Everything points in the direction of an immense demand for Choice Seed Potatoes the coming season, and while we have a good stock in store, we would advise customers to send in their orders early.

**FREE**

Any purchaser of a barrel or more of Potatoes at the prices quoted, may order any ONE of the following articles and it will be sent with Potatoes Free of Charge.

- (1) A CONCAVE POTATO KNIFE.
- (2) "THE NEW POTATO CULTURE," by E. S. CARMAN.
- (3) A PACKET OF POTATO SEED.

**OUR PRICES.** The following prices are about what we think will rule for **GOOD, STRAIGHT, UNMIXED STOCK** for the coming season's planting, but if you receive lower quotations before placing your order, write us (it costs but a trifle), stating what you want, and we will bid for your order.

**YOU MAY SAVE DOLLARS,** for we are usually in a position to meet and frequently do better than many other firms when we are given an opportunity. We do not care to compete with irresponsible houses, who frequently do not know one Potato from another.

**We shall be pleased to correspond with any one wishing to purchase in larger quantities than are quoted herein.**

### SPECIAL INSTRUCTIONS.

We will book orders at the following prices as long as our present stock lasts, no matter if there should be an advance in the market. We fill orders just as soon as the weather, in our judgment, will permit. However, we cannot become responsible for changes in the weather by which they might become damaged while en route. We will ship at any time when requested to do so, regardless of weather, if customers wish to take their own risk. When customers request it we pack a barrel of two or three kinds without extra charge. **WHEN ORDERING LATE,** please state whether we shall return the money or send some kind of equal value, providing we cannot supply the sort you order.

**POTATOES BY EXPRESS OR FREIGHT,** at barrel, bushel, peck and half-peck prices. The buyer pays the freight or express charges. Our barrels contain two and three-fourth (2 3/4) bushels, **Good Measure.**

**ALL TRANSPORTATION CHARGES MUST BE PAID BY THE BUYER. NO POTATOES SENT C. O. D.**

**Potatoes by Mail, Prepaid.** Prices for small quantities of any variety of Potato in our list, unless otherwise quoted—1 lb., 25c.; 3 lbs., 60c. Three dozen **EYES** for 25c., postpaid.

**BUYERS OF LARGE QUANTITIES** are requested to write us stating what they desire, and we will endeavor to make prices that will result in trade.

Please give Plain Shipping Directions.



## LIVINGSTON'S EXTRA EARLY OHIO POTATOES.

**MOST PROFITABLE FOR EARLY MARKET.**

Some early kinds will give edible potatoes about as early, but their tops will be green for days after the Extra Early Ohio's have ripened. It is two weeks ahead of the Early Rose, and is a special favorite with farmers and marketmen, and the most profitable potato they can possibly grow. The prouts are very strong, the vines grow erect, and is easy to cultivate; maturing early, brings highest prices, and the land can be used for other crops; does well on any soil suitable for potatoes. The tubers grow compact in the hill, are easily dug, very few small ones—nearly every one marketable size; few eyes which are even with the surface. They keep firm until late in the spring. Southern growers plant this variety almost exclusively for early shipment North. With heavy manuring, **close planting** (they can be planted almost a half closer than others on account of their upright growing tops), and good culture, a very large and profitable yield can be expected; 300 to 500 bushels per acre is not an unusual yield. This is our specialty in standard early va-

rieties, and we have for years taken great pains to keep the stock pure and up to its original standard, but we are confident that many do not know a true Early Ohio, and have grown some other sort for it, having been deceived in the purchase of the seed. We know ours are right, because stock is the product of original headquarters.

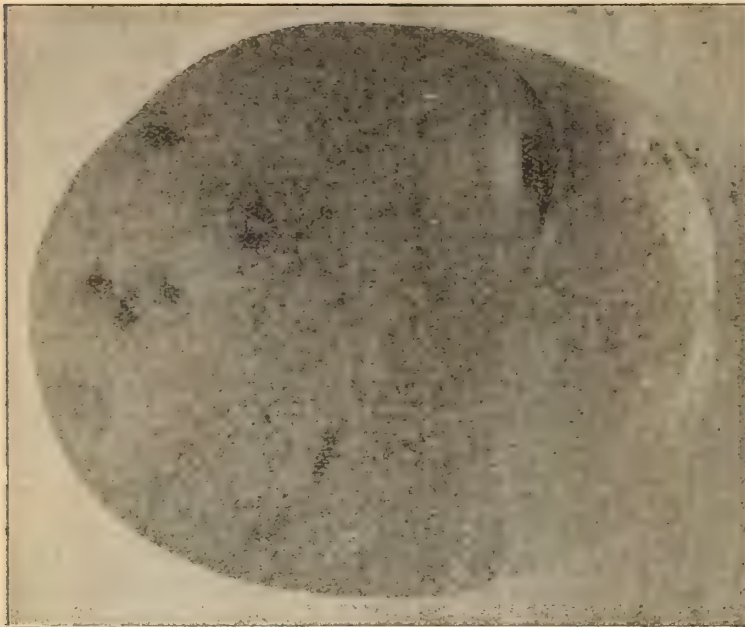
**Michigan Grown Stock**—Pk., 40c.; bus., \$1.50; bbl., \$4.00.

**Ohio Grown Stock**—Pk., 35c.; bus., \$1.25; bbl., \$3.50.

**Special Prices for larger quantities on application. Car lots a specialty.**

## THE NEW BOVEE. EXTRA EARLY. A HEAVY YIELDER.

Great claims have been made for this potato, from reliable sources, as to earliness and yield. We are slow to accept any variety as being earlier than the true Extra Early Ohio, as the claim has so often failed. However, from reports current, it must be very early and a large yielder. The vine is dwarf and stocky. The potatoes grow in a remarkably close clump and are of even marketable size. Our stock is direct from Mr. Bovee, and must be O. K. We were obliged to pay a good round price, but preferred to do this rather than take chances on stock offered about which there might be any doubt. Orders for this excellent potato should be booked early, as stock for this season is very limited. 1/2 pk., 40c.; pk., 75c.; 1/2 bus., \$1.25; bus., \$2.50; bbl., \$6.00.



LIVINGSTON'S

# Banner Potato

**Handsome in Appearance, Immense Yields, Desirable Size, Superior Table Quality. Grandest Introduction in 30 Years.**

**ORIGIN.**—The Banner is a new seedling, and not an old sort renamed, as many said-to-be new ones are. The seed of the ball was sown the spring of 1881 by one of our Central Ohio growers. About a dozen plants were obtained, no two of which were alike. One, however, was so much more promising than any of the rest that it was carefully saved, cultivated and selected from year to year, until we offered it to the public in the spring of 1891 as **LIVINGSTON'S BANNER**, claiming it would at once become the finest Main Crop Potato on the market, and probably no variety ever introduced has made as good a record in so short a time with all classes of growers.

**STRONG POINTS CLAIMED FOR THE BANNER.**—None surpass, if indeed equal it, in uniform handsome appearance. Its slight russeted skin is of a light cream white color. Its shape is a little oblong and slightly flattened (cooking through easily). The eyes are not abundant, and very shallow, thus securing economy in paring. The size is large and desirable, very few being under market size. Always smooth and regular in form, whether large or small; never produces prongy tubers. The yielding qualities are of the highest order. In habit of growth it is strong and vigorous from the very sprout. The past two very dry seasons have proven it a great drouth resister. As near blight and scab proof as any. In quality none surpass it, not even the old Snowflake. The flesh is very white, and whether boiled or baked has the same fine table qualities, always cooking dry and floury. It is a medium late variety.

**CHOICE SORTED STOCK**—Peck, 40c.; bus., \$1.50; bbl., \$4.00; 3 bbls., \$11.00.

## GOOD WORDS FOR THE BANNER.

We have many testimonials for the Banner, but the following from recent letters certainly proves all we claim:

**S. EDSON, Oceana Co., Mich.** "The Banner Potatoes took First Premium at our County Fair last fall. They are the handsomest and best flavored yielders I ever raised."

**R. B. NOEL, Lafayette Co., Mo.** "I raised 107 bushels of Banner Potatoes from the barrel ordered of you last spring."

**GEO. GEIER, Spokane Co., Wash.** "I had twelve varieties of potatoes planted last year. The Banner is the best of them all."

**JOHN L. WILSON, Weber Co., Utah.** "From one bushel of Livingston's Banner, last season, I raised 40 bushels of the finest potatoes I ever harvested. The seed I raised from the one pound of Eyes bought of you in 1894."

**H. E. PIERCE, Madison Co., Ind.** "Your Banner Potato is a "daisy" sure, the best of five kinds planted; out-yielded anything on the place."

**HOMER MILLS, Noble Co., Ind.** "We succeeded admirably last year with Livingston's Banner; have as fine potatoes as I ever saw, and are well pleased with them."

**JAMES E. HALL, Miami Co., Ohio.** "I never saw such nice smooth potatoes, and as free from prongs, as the Banner. I think it is a No. 1 Potato."

**FRANKLIN G. MEYERS, Bucks Co., Pa.** "The Banner Potatoes I got of you last spring turned out exceedingly well."

## SENECA BEAUTY POTATO.

(Introduced by us in 1889.)—This grand good *medium late* potato was first offered to the public by us ten years ago, and *too much* has never been said in its praise. Its fine and distinct appearance sells it in any market, and its fine table qualities please all classes of customers. The tubers are large to very large, and very smooth, with few eyes close to the surface and of beautiful pink color; uniform in size and shape, scarcely any small ones. Vines rank and healthy, and loaded with beautiful blossoms. It has shown but very little tendency to blight, and is a good keeper and heavy cropper. One point in its favor, which every grower will appreciate, is its distinct appearance in shape and color, on which account it can be kept pure and easily sorted out, even if mixed with a dozen other kinds. Peck, 10c.; bus., \$1.50; bbl., \$4.00; 3 bbls., \$11.00.

**M. M. DAVIDSON, Westmoreland Co., Pa.** "The **SENECA BEAUTY** is the handsomest potato that I have ever grown or seen. They are one of the very best to cook or bake."

**CARMAN No. 3.** This new seedling is one of the greatest sent out. It bears its tubers very close to the plant, and is, therefore, easily dug. Its shapely form is all that can be desired. It is a perfect keeper. Skin and flesh very white, eyes few and shallow, late in ripening. Peck, 40c.; bus., \$1.50; bbl., \$4.00.

**EARLY HARVEST.** About as early as the Early Ohio and a good companion for it. We believe this is the best early white potato grown. It is a large yielder of superb quality and fine appearance. A most valuable variety for marketing or home use; of large size; eyes slightly indented; shape oval flattened, sometimes long oval. Peck, 40c.; bus., \$1.50; bbl., \$4.00.

**OHIO JUNIOR.** Close resembling its parent, the Early Ohio. A good keeper and of excellent quality. Peck, 40c.; bus., \$1.50; bbl., \$4.00.

**EXTRA EARLY SIX WEEKS.** Evidently a seedling of Early Ohio, which it very closely resembles in every way. It probably is "new blood" Early Ohio. Peck, 40c.; bus., \$1.50; bbl., \$4.00.

**EARLY ROSE. GENUINE OLD EARLY ROSE.** Secure a new start of this variety while we have it. Peck, 40c.; bus., \$1.50; bbl., \$4.00; 3 bbls., \$11.00.

**Agents for ASPINWALL PLANTERS AND OTHER POTATO MACHINERY**

Introduced by us in 1896.



## THE LIVINGSTON POTATO. A WHITE SENECA BEAUTY

The above photograph gives a very good idea of its size, smoothness and very desirable shape. It has but few and very shallow eyes. The Seneca Beauty is admitted by all who have ever grown it to be one of the most beautiful of all the many rose-colored varieties, and those familiar with it will at once realize what a beauty it would be if clothed in a white jacket, and especially if it retained its delicate peach blow eyes. That is exactly what we have in **THE LIVINGSTON**. It is a rank grower, very productive, and its cooking qualities are superb. Our stock is **Michigan Grown**, and we will book orders while it lasts as follows: **Peck, 40c.; bus., \$1.50; bbl., \$4.00.**

**J. S. LOWELL**, of Iowa, writes: "I have 'The Livingstons' that weigh 2½ pounds. They are greatly admired by everybody. I hope to enlarge on them next year."

**GEO. W. MACE**, Drake Co., Ohio, writes: "This is a very distinct variety. With me it stood at the head in yield of 36 varieties grown in field culture."

**LYMAN R. MILLER**, Summit Co., Ohio. "Nine rods of ground (chain measure) gave me 19½ bushels of the finest potatoes that I ever dug. Every one that saw them at the Fair pronounced them the finest they ever saw. They are the finest and best in America."

WE SEND NO SWEET POTATOES C. O. D.



WE WILL MAKE SPECIAL PRICE FOR LARGER QUANTITIES ON APPLICATION. WRITE US BEFORE YOU BUY.

### FOURTY YEARS EXPERIENCE WITH SWEET POTATOES."

By **WALDO F. BROWNS**. The most practical and valuable work on the subject. Tells how to make beds, grow plants, set same, cultivate, harvest, store the crop, etc. Anyone can grow Sweet Potatoes without any trouble if they will follow Mr. B.'s carefully written directions. It is the *short cut* for a new beginner and a help to many old growers. Only **20 cents, postpaid**, or **FREE** with all orders for a barrel or more of "Sweets," *providing customers ask for it with their order.*

## SEED SWEET POTATOES.

**JERSEY CROWN**.—Specially packed and stored over winter for us, for sprouting purposes, in the State of New Jersey. We have been using and selling this stock for over twenty-five years and find the potatoes much dryer and sweeter than those grown from any Western grown seed. **We re-pack before shipping, but we wish it distinctly understood that customers take ALL RISKS** after we deliver in good condition to the Express or Railroad Company here. We do not ship until about planting time. *Our barrels contain three bushels, good measure.*

**YELLOW JERSEYS**—Peck, 50c.; ½ bus., 75c.; bus., \$1.40; bbl., \$3.50.  
**RED JERSEYS**—The best of all Reds. A smooth potato with yellow meat. Peck, 60c.; ½ bus., \$1.00; bus., \$1.75; bbl., \$4.50.

**EARLY CAROLINA**—Of bright yellow color, fine grained. *Desirable for Northern sections.* Peck, 50c.; ½ bus., 90c.; bus., \$1.50; bbl., \$4.00.

**"UP RIVERS."** A select strain of smooth, short, "chunky" Yellow Jersey. Yields 25 to 50 per cent. more marketable stock, and sells higher than any other. Dry and sweet; decidedly the best eating potato of all. This is our specialty in Sweet Potatoes, and we recommend it above all others. Peck, 50c.; ½ bus., 85c.; bus., \$1.50; bbl., \$4.00.

THE ABOVE PRICES are about what will rule, we think, but as there is liable to be a shortage of good seed at planting time the prices here quoted are **SUBJECT TO MARKET CHANGE** after about March 1st.

**PLANTS**—We grow plants by the million. Write for prices in season. (See Vegetable Plant Department.)

**Plants by Mail (postpaid)**—Well rooted Plants or Slips, ready about May 1, at 60c. per 100.

**JOEL M. HASKINS**, Hocking Co., Ohio. "My seed came to hand O. K., in good shape. The Sweet Potatoes were surely the finest I ever saw, and they are sprouting nicely now."

**HYBRIDIZED POTATO SEED.** We offer a very fine strain of Potato Seed, the product of numerous hybridizations between many of the best new and old varieties in cultivation. We frequently purchase promising seedlings grown from seed purchased of us.

**PRICE**, (postpaid), 25c. per pkt.; 5 pkts. for \$1.00. Full directions for planting, cultivation, etc., on each packet.

**Every Farmer Boy** ought to "try his hand" with one or more packets of Potato Seed, and his father should get him the seed, give him the ground, and time to attend same properly. The result is interesting, and often very profitable.



POTATO BALLS.

# ≡ LIVINGSTON'S FLOWER SEEDS. ≡

OUR FLOWER SEED LIST has been carefully revised, some new kinds added and all inferior kinds cast out, so that there is nothing in the list but what is worthy of cultivation, and, if reasonably well cared for, will give satisfaction. Our aim is to offer nothing but the best and *surest to please*, a condensed list of leading kinds, and not the most bewildering and extensive, wishing to please the masses rather than cumber our annual with every unimportant item which only a few people care for. Any flower seed not offered in the following pages will be secured on short notice at the price quoted in other catalogues.

➔ Add at least a few packets to your vegetable seed order.

## DIVISIONS OF FLOWERS.

Flowers are usually divided into Annuals and Perennials. Annuals are those that bloom and ripen seed the first year, then die. Among these may be found some of our most brilliant and fragrant

flowers. In fact, if you want flowers early in the season, and all the time until frost, a good selection of Annuals will not disappoint you.

Perennials are those that endure our Northern winters with little or no protection, and live and bloom for several years in succession. A large majority of the Perennials will bloom the first year if started soon in the spring.

➔ The figures at the right, opposite each variety, denote the price in cents per packet.

Discounts on Packet Flower Seed { For 25 Cents select 6 Five-Cent or 3 Ten-Cent packets.  
For 50 Cents select 14 Five-Cent or 7 Ten-Cent packets.  
For \$1.00 select Packets to the amount of \$1.30.  
For \$2.00 select Packets to the amount of \$2.75.  
For \$5.00 select Packets to the amount of \$7.50.

ALL FLOWER SEEDS SENT FREE BY MAIL ON RECEIPT OF PRICE.



## ➔➔➔ LIVINGSTON'S SUPERB ASTERS. ☄☄☄

OUR OWN MIXTURE—This mixture, including the cream of this list with many other of the most beautiful and choicest varieties. Bound to please even the most critical.  
Extra Large Packet, 20c. Regular Size Packet..... 10

### ◆◆◆ COMET ASTERS. ◆◆◆

- COMET—(Cut 6)—A grand new race of Asters. We have seen specimen flowers so large and so double, and having such long strap-shaped petals as to be scarcely distinguishable from a Japanese Chrysanthemum. No garden will be complete without a bed of these. *Mixed, splendid variety*..... 10
- COMET—Pink Flowers—A very choice shade of pink..... 10
- COMET—White—Very choice small flower..... 10
- GIANT WHITE COMET—Grand; pure white; flowers of immense size and wonderful perfection..... 10
- VICTORIA—(Cut 1)—A very free bloomer; flowers very large; beautifully imbricated; plant pyramidal in form. *Mixed, all colors*..... 10
- VICTORIA, Light Blue—Large and fine; one of the very finest of the blues..... 10
- VICTORIA—White—One of the finest. Flowers large, perfect in form, and of the purest white..... 10
- VICTORIA NEEDLE—A remarkably free blooming variety with large double flowers of a very unique appearance. The petals are curved and as round as a needle. The colors are various shades of red, crimson, blue, purple, rose, etc. *Mixed*..... 10
- DWARF VICTORIA, Dark Scarlet—One of the finest, and might well be called a FIREBALL, on account of its brilliancy; the perfect flowers are borne in great abundance on a neat bush about ten inches high; effective in beds..... 10
- DWARF VICTORIA, Mixed—A fine half dwarf..... 10
- NEW ROSE—(Cut 4)—Magnificent flowers, in shape and size rivaling the finest roses. A great variety of brilliant colors, making a beautiful display. Robust habit; blossoms profusely, covering the plant; remains in perfection nearly a month. 18 ins. high. *Mixed*..... 10c. *Pure White*..... 10
- CROWN WHITE CENTER—(Cut 5)—Flowers of this beautiful class are two-colored; the center of each pure white, with the petals of bright colors, as crimson, carnine, blue, violet, etc.; full, double, of handsome shape, contrasting finely in color with the Rose and Perfection classes; 1½ to 2 feet. *Mixed Colors*..... 10
- DWARF PYRAMIDAL BOUQUET—A magnificent dwarf variety; a single plant forms a complete bouquet of pyramidal shape, and covers itself with blossoms almost hiding the foliage. Fine for edging and small beds. *Many Distinct Colors Mixed*..... 10
- GERMAN QUILLED—Well-known favorite and very distinct sort; a free bloomer; good for cutting. *Many Finest Varieties Mixed* 5

ANY THREE 10-CENT PACKETS FOR 25 CENTS.

See Novelty Pages for THE SEMPLE BRANCHING ASTERS.

# ASTERS

"FALL ROSES."

This has become one of the most popular, beautiful and effective garden plants, growing from ten to eighteen inches high. For profusion of flowers and richness of display the Asters are unrivaled and constitute the principal adornment of our gardens during the autumn. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil about one foot apart, according to height of plants. Splendid for bedding, border and pot culture.

**JEWEL, or BALL—(Cut 2)**—A magnificent class; distinguishes itself at first sight by its beautiful short-petaled and perfectly round flowers, which may be compared with the finest incurved Chrysanthemums. Flowers measuring from 2½ to 3 inches across, are as round as a ball, and, being borne on long stems, are very useful for cutting and bunching; about 24 inches high. *Mixed*..... 10

**MIGNON—(Cut 3)**—A new Aster of great beauty; resembles the Victoria class in habit of growth, but excels it in free blooming. Plants about 15 inches high; flowers of good size, reflex petals and very double. Is splendid in pots or the open ground. Undoubtedly one of the finest for cut flowers. *Mixed, New Shades* 10

**MIGNON—Peach Blossom**—Very fine. 10. **Light Blue**—Superb.. 10  
**Pure White**—None surpass this splendid white for cutting..... 10

**ASTERS—Continued.**

**PEONY-FLOWERED ASTERS (TRUFFAUT'S)**—The most perfect type of Peony Flowered Asters. Hard to surpass in size of flowers, brilliancy of color, and habit of growth. The flowers are of very large size and fine form, perfectly double, the petals beautifully incurved. The colors are peculiarly rich and brilliant, and the refined form of the flower attracts great attention. 1½ to 2 ft.

**Mixed, many exquisite colors**— $\frac{1}{2}$  oz., 40c..... 10

**Separate Colors**—White.....10c. **Brilliant Rose**.....10

**Dark Blue**—Extra fine.....10c. **Crimson**—A fine red.....10

**Azure Blue**.....10c. **Brilliant Scarlet**.....10

**Sky Blue, Tipped White**.....10

**SNOWBALL, or WHITE PRINCESS**—A new and very distinct Aster. Every plant produces about thirty pure white flowers, which are semi-spherical with short petals lying scale-like upon each other, resembling a Dahlia flower. Its elegant, faultless shape makes it valuable as a cut flower; flowers very durable.... 10

**NEW TRIUMPH**—Bears many large peony-formed flowers of great beauty; the most perfect of all Dwarf Asters. 7 to 8 inches high. 10

**WASHINGTON—Largest Flowering of All**, frequently measuring four or five inches in diameter; very fine and of lovely color; 2 feet. **Choicest Mixed**, 10c. **Scarlet**—Very fine..... 10

**QUEEN OF THE MARKET ASTERS.**

**The Great Market Aster**—After growing this for several seasons we pronounce it one of the most satisfactory of all; it is about two weeks earlier than most other Asters, a most profuse bloomer of graceful habit. Its perfect flowers are borne on long stems and in great variety of colors, making them extremely useful for cutting. A favorite with those who grow for market.

**Mixed**.....10c. **Pure White**—Splendid..... 10

**Pink**—Splendid.....10c. **Blue**—Very fine..... 10

**QUEEN OF THE EARLIES**—Earliest of all Asters—Resembles somewhat the Queen of the Market, but blooms about two weeks earlier; of low growth; good sized flowers on long stems.

**ALL COLORS MIXED**.....10c. **Pure White**..... 10

**DWARF QUEEN**—A fine Dwarf; excellent for pots and borders, and one of the most beautiful.

**Choice Colors Mixed**.....10c. **Pure White**..... 10

**UHLAND GLOBE**—Peony-Flowered—Excellent; very large flowering. **Mixed Colors**..... 10

**TALL ASTERS**—Livingston's Mixture of many choice varieties. 2 Packets, 25c. **Large Packet**..... 15

**DWARF ASTERS**—Livingston's Mixture of many Dwarf varieties. 2 Packets, 25c. **Large Packet**..... 15

**BRANCHING ASTERS.**

An American variety of branching character, with magnificent large flowers borne on long stems; excellent for cutting; an abundant late bloomer. Comes in between other late varieties and Chrysanthemums, and much appreciated on this account.

**Mixed**.....10c. **White**..... 10

**SEMPLE'S BRANCHING ASTERS**—See Novelty Pages.

**ABUTILON.**



**Flowering Maple, or Chinese Bell Flower**—Universally admired; few are aware how easily they can be raised from seed, and how beautifully they flower the first season if seed is sown early; seed should be started in the house and the young plants set out in the garden, but not until the weather is warm and settled. They grow rapidly, and make fine large shrubs, bearing elegant bell-shaped flowers. They bloom freely in winter in the house.

**Choice Mixture**..... 10

**ANCHUSA.**

A splendid bouquet flower, of long duration, producing azure-blue forget-me-not-like flowers; if sown early, blooms the first season; hardy perennial; 2 feet. **Capensis** 5

**AMARANTHUS.**

Of remarkably handsome foliage and interesting flowers, producing striking effect in the border as a background, or as centers of beds. The seeds may be sown in the open border, or in a hot-bed, which is recommended; transplant about the first week in June. Produces the most attractive and brilliant foliage upon poor soil; transplant to twenty inches. Half hardy.

**Caudatus (Love Lies Bleeding)**—Pretty for decorating. .... 5

**All Kinds Mixed**..... 5

**AMPELOPSIS.**

A most beautiful climber, clinging very firmly to the sides of a house or wall, and soon forms a most perfect mass. On this account, and the beauty of its foliage; it gives excellent satisfaction.

**Ampelopsis Veitchii, "Japanese Ivy," or "Boston Ivy"**..... 5

**ACROLINIUM.**

A beautiful Everlasting Flower, strong growth, about 18 inches high, and bears a great number of rose and white daisy-like flowers with a yellow center. Should be gathered the first day they open, or before they are open, and dried in the shade, to secure a bright center. **Rose and White, Mixed**..... 5

**ABRONIA.**

Trailing plants with Verbena-like flowers; leaves light green, of long oval shape; the stem is fleshy, lying prostrate on the ground. May be trained to sticks or left in its natural mode of growth. Peel off the husk before sowing. Very fragrant, and in bloom a long time. Transplant to one foot apart. Rosy lilac flowers. Half hardy annual..... 5

**ASPERULA.**

Finely adapted for bouquets, by reason of its shape, size, and delicate color—a light blue or lavender. For button-hole bouquets nothing will be in request oftener than this. Remains fresh a long time. Blooms from July till after severe frosts. One foot. **Setsos**..... 5

**ADLUMIA. (Mountain Fringe, or Allegheny Vine.)**

An attractive climbing plant with feathery foliage and rose-colored blossoms. **Cirrhosa**..... 10

**SWEET ALYSSUM.**



The delicate honey-like fragrance of the flowers of this little plant, so much prized in bouquets, basket and design work, renders it most unlikely that this old favorite will ever be cast aside. Easy culture; blossoms all summer; 12 inches.

**Sweet Alyssum**—White; very sweet; one foot. Oz., 25c;  $\frac{1}{2}$  oz., 15c..... 5

**Little Gem**—Of very compact growth, 3 or 4 inches high, but a single plant will cover a space up to three feet in circumference. Grows quick from seeds and the plants will bloom when quite young. The abundance of flowers is simply enormous; 300 blossoms have been counted on a single plant. Oz. 40c;  $\frac{1}{4}$  oz., 15c..... 5

**Golden Saxatile**—A free growing, dwarf, hardy perennial. Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high. Showy for permanent borders and beds.... 5

**AGERATUM.**

Valuable plants for large beds or borders, and very useful where cut flowers are in demand; blooms the whole summer; also good for winter blooming; of easy culture, succeeding in any soil. Half hardy annuals.

**Conspicuum**—Fine white flowers; 18 inches..... 5

**Imperial Dwarf Blue**—Very dwarf; 6 inches..... 5

**Lasseauxii**—Dwarf rose; valuable for cutting; 15 inches..... 5

**Mexicanum**—Lavender blue; 2 feet..... 5

**ANTIRRHINUM. (SNAP DRAGON.)**

This is an old favorite border plant, with dark, glossy leaves and curiously shaped flowers, with finely marked throat. They have been much improved by careful selection, and are really magnificent flowers. They will blossom the first season from seed sown in spring; grow quick



but the blossoms will be much stronger the second season. Succeeds best in dry, loamy soil. Tender perennial.

**Tall, Mixed**— $\frac{1}{4}$  oz., 15c... 5

**Choice Striped Mixed**..... 5

**Dwarf, Mixed**, Oz., 20c..... 5



**BALSAMS. "LADY SLIPPERS." "TOUCH-ME-NOTS."**

These are old favorites with every one, owing to their handsome double flowers, brilliant colors and stately growth. To produce very double flowers they must be transplanted into a rich soil in a sunny position and frequently watered. Cutting out some of the side branches is also advisable, especially with the strong and bushy growing varieties. They can be pruned to any form desired, to two or three, or even one branch. *Tender Annuals.*

**LIVINGSTON'S PREMIUM BALSAMS.**

**Extra Double and Very Large Flowers**—We beg to call special attention to the excellence of this unequalled strain. The flowers are immense in size, of fine form, and as double as a Camellia, which they resemble. The colors are as varied and brilliant as could be desired, even by the most fastidious; so double that it is a very shy seeder. **Livingston's Premium Mixture**—7 pkts., 50 ; 3 pkts., 25c.

**DOUBLE CAMELLIA FLOWERED BALSAMS.**

Fine Balsams are one of our specialties, and we have taken special pains to secure the most double and largest flowers in the most distinct and striking colors.

- Light Lemon**—Very fine indeed ..... 5
- Victoria**—Satin white, spotted with scarlet ..... 5
- Solferino**—White, beautifully striped and spotted lilac and scarlet. .... 5
- Double Spotted**—In splendid mixture..... 10
- Double Camellia-Flowered—Best Mixed**—From the above and other kinds ..... 5
- Double White Perfection**—Flowers snow-white, as round as a dollar, of immense size and thoroughly double ..... 10
- Double Rose-Flowered**—Not as choice as Camellia-Flowered, but a very good strain and one of the best for florists' use. Choice mixed ..... 5
- Carnation Striped Balsams**—Very pretty and attractive, but not quite so double as the Camellia-Flowered. **Finest Mixed**, many colors ..... 5
- Double and Semi-Double Mixed**—All colors ..... 5

**BRACHYCOME.**

(*Swan River Daisy.*)

Free-flowering dwarf plants covered during the greater part of summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds or pot culture. Half hardy annual.

**Light Blue and White Mixed**..... 5



BRACHYCOME.

**BALSAMINA.**

Very curious vine with ornamental foliage; fruit golden yellow, warted, and, when ripe, opens, showing its brilliant carmine interior; fine for rockwork; ten feet.

**Balsam Apple**..... Per oz., 25c.

**Balsam Pear**..... Per oz., 25c.

**BARTONIA.**

Produces showy flowers above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine; it does not bear transplanting; hardy annual; 2 feet. **Aurea**—golden yellow

**BALLOON VINE.**

**Cardiospermum Halicacabum**, or **Balloon Vine**, is a curious half-hardy annual. Sow seed under glass, and if planted in the garden find it a sheltered situation.



The second leaf appears prick off into flats or small pots filled with any good loose soil. Keep them slightly shaded from the direct rays of the sun and as near the glass as possible. In the fall take up the tubers and put in the cellar the same as you would a Dahlia.

- Double, Mixed**—Very choice..... 25
- Single, Mixed**—Extra fine..... 20

**FIBROUS ROOTED BEGONIAS.**

**NEW VERNON**—*Semperflorens Atropurpurea*—This new and distinct variety is altogether the best of its class. The plants grow to a medium size, of compact habit and very hardy; easily grown either in the house or open ground. The leaves are a glossy green color, margined with bronze, and the flowers rich, brilliant red, and borne in the greatest abundance. A well-grown plant in a pot is one of the best ornaments to a conservatory or parlor, while a large bed of them in the garden will be the admiration and delight of all beholders..... 10

**Begonia—Rex Hybrids**—Large ornamental leaves of dark green, bronze, gold and red. They are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and well adapted for baskets. **Mixed**..... 25



REX BEGONIA.



VERNON BEGONIA.

**BEGONIAS.**



CENTAUREA, MARGUERITE.

**CENTAUREA CYANUS,**  
or **BACHELOR'S BUTTON.**

(Corn Flower, Blue Bottle, Ragged Sailor, etc.)—Very old favorite hardy annual: flowers freely in almost any situation; for cut flowers they are largely used both in Europe and this country, a little bunch of the blue Corn Flower being a favorite boutonniere.

- Cyanus—Pure White; very fine..... 5
- Cyanus—"Bluet," or Emperor Flower. Fine Rich blue..... 5
- Bachelor's Button—A choice mixture... 5
- New Centaurea, Marguerite—A beautiful new annual. It is the handsomest Centaurea known and should be planted in every garden. The plants grow about fifteen inches high and are of the easiest culture. The flowers are of the purest white, exquisitely fragrant, and are produced in great abundance..... 10
- New Double "Corn Flower"—Many new and novel colors of large double flowers in Choicest Mixture..... 5



NEW DOUBLE CORN FLOWER.

**WHITE LEAVED OR DUSTY MILLER VARIETIES.**

Valuable for ribbon-bedding, the silvery whiteness of the leaves being effective with other colored plants. Half hardy perennial.

- Gymnocarpa—One of the best; white foliage; 1½ feet..... 5
- Candidissimi—Round, compact plants; silvery white; one foot..... 10

▶▶▶ **COLUMBINE—(Aquilegia.)** ◀◀◀

Exceedingly showy, early blooming, hardy plants, especially valuable for the peculiar formation of their flowers and the great variety of color. Hardy perennial.

- Chrysantha—Bears through the season an abundance of bright golden yellow flowers..... 5
- Double, Mixed—Best and finest colors..... 5

~~~~~ **CALENDULA.** ~~~~~

Showy, free-flowering, hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; one foot high.

- Meteor—Large, double yellow, striped orange..... 5
- Choice Mixed..... 5

~ ~ ~ **CLARKIA.** ~ ~ ~

The Clarkia is held in great estimation in Europe, and especially in England, where it is as common as the Candytuft. The flowers are very pretty and of many colors, double and single. As the plant is apt to suffer in our hot, dry summers, it is better to sow the seed in September, and the plants will be large enough by spring to make good bloom. Hardy annual; 1½ feet high.

- Double and Single Mixed..... 5

**CACALIA—(Tassel Flower.)**

Also known as "Flora's Paint Brush." A showy plant of easy culture, producing beautiful scarlet and golden-yellow tassel-shaped blossoms. Sow early in spring in open ground; they bloom from early summer until autumn; valuable for small bouquets. Half hardy annual; 1½ feet high. Mixed..... 5



CALCEOLARIA.

**CALCEOLARIA.**

Unsurpassed for pot culture in the greenhouse or conservatory, producing the brilliant flowers in great profusion and variety. The blooms are remarkable for their oddness of shape, and for their richness, diversity and variety of color.

- Spotted and Self-Colored, Finest Mixed..... 25
- LARGE FLOWERING SELF-COLORED, Mixed—The flowers are not spotted or marked..... 25

**CANDYTUFT.**

The Candytufts have long been among the most highly prized of garden flowers, and cultivation has done much in producing improved varieties. The best effect is produced by raising the plants in masses, and the seeds are sown where the plants are to bloom; sow in rows six or eight inches apart, and thin out the plants so that those remaining will have plenty of room. The soil should be rich, and when blooming time comes keep the plants well watered, especially if it should be a dry time. The plants are very branching, and it is sometimes necessary to prune away some of the shoots in order to increase the size of the flowers. The Rocket Candytuft grows in compact spikes; the new dwarf varieties are only about six inches in height, and their season of blooming is very long.



CANDYTUFT.

- New Empress—A magnificent variety, with enormous heads of pure white flowers..... 10
- White Rocket..... Oz., 15c. 5
- Dark Crimson—Beautiful color..... Oz., 20c. 5
- New Dwarf Hybrids—Of dwarf habit and perfect shape, abundant flowers, from pure white to dark purple..... 5
- Tom Thumb—White; very dwarf; four to six inches high. Sown early will bloom in June..... Oz., 20c. 5
- Umbellata Lilacina—Purple lilac..... 5
- New Carmine—Dwarf plants with vivid carmine flowers..... 5
- White Fragrant..... Oz., 20c. 5
- Mixed, All Colors..... Oz., 20c. 5

**CYPERUS, or UMBRELLA PLANT.**

Grows finely in water with rich soil or mud. Graceful foliage plant; fine for vases, fountains; easily raised from seed; tender perennial..... 10

Mrs. J. Steiert, Milan, Ohio, November 5, 189, writes: "Your collection of Flower Seeds I received from you last spring was all that you represented them to be. The Asters especially were beauties. I was very much pleased with them all."

◆◆◆◆ **CATCHFLY.—(See Silene.)** ◆◆◆◆



FRENCH CANNAS.

### CANNA. (INDIAN SHOT.)

The Cannas are the coming plants of our gardens. The demand for them is rapidly increasing. They are erect, stately plants from two to six feet in height, with ample and elegant foliage. The leaves are green in some varieties and in some purplish and reddish. The flowers are bright colored—red or yellow—and variously marked, peculiar and very handsome in form. Plants once obtained can be kept from year to year, dividing them as they increase in size; on the approach of frosts they must be taken up like Dahlia roots and after lying out a few days to dry off, they can be stored away until spring in a cellar. The seeds are very hard and some soak them in warm water for several hours before planting; but the best way is to file a hole just through the shell, thus allowing the passage of water to the seed, which, in swelling, breaks the hard covering. The French Hybrid Cannas, though no better as foliage plants, have

erual hours before planting; but the best way is to file a hole just through the shell, thus allowing the passage of water to the seed, which, in swelling, breaks the hard covering. The French Hybrid Cannas, though no better as foliage plants, have

#### LARGE FLOWERING FRENCH CANNAS.

- Queen Charlotte—New scarlet and gold, a beauty..... 10
- Crozy's New French Hybrids—Saved from the handsomest of the new varieties. Most of them are very dwarf in habit, early bloomers, and very remarkable for beauty of both flower and foliage. Mixed varieties..... oz., 40c.; ½ oz., 25c. 5
- Madame Crozy—Great clusters of vivid vermilion scarlet flowers with deep golden-yellow borders. One of the best..... 10
- Chas. Henderson—Deep rich crimson..... 10
- Florence Vaughan—One of the best yellows, spotted with red..... 10

#### OLD TYPE CANNAS.

- Choice Mixed (Old Types)—Many kinds..... 5
- Dark Leaved Varieties—Splendid Mixture..... 5



CAMPANULA.

### CAMPANULA.

A well-known beautiful hardy herbaceous perennial, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.

**Speculum**—(Annual)—Venus' Looking Glass; a double blue variety; fine for cutting and bouquets; six inches..... 5

**Carpatia**—Free-flowering blue and white, continuing bloom the whole season. Fine for groups and edgings. Six inches. Hardy perennial. Mixed..... 5

### CANTERBURY BELLS.

Very ornamental garden plants of easiest culture, beautiful large well shaped flowers. Hardy perennials. 2½ feet.

- Double Annual Varieties—Finest Mixed..... 5
- Single Annual Varieties—Mixed..... 5
- 'Cup and Saucer' Canterbury Bells—(Calycanthema Campanula)—This a fine variety producing plants with flowers resembling a cup and saucer. A splendid mixture of blue, white, striped, etc..... 5

### ..... CYCLAMEN. ....

These elegant greenhouse perennials have been vastly improved of late years. Our strain is selected from the improved English sorts, and is conceded to be unsurpassed. Cyclamen seed sown early will bloom the following winter. We can supply the blooming Bulbs. (See Bulb Pages.)

- Persicum—Finest mixed colors..... 10
- Persicum Dark Carmine—Extra fine..... 25
- Giant Persian—A magnificent strain, with large flowers of rich and varied colors, and large beautifully marked leaves. French Mixed..... 25

### CALLIOPSIS. or COREOPSIS.

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture, as they grow rapidly require no care and thrive in any garden. They make brilliant groups or low screens. Seed grows very readily and may be sown where plants are wanted to flower.



- Golden Wave**—(Drummondii)—Bushy, compact plants, covered all summer with hundreds of bright golden flowers two inches across, distinctly marked with dark brown center. Pkt., 5c.
- Lanceolata**—(New Golden Coreopsis)—One of the most showy hardy perennials grown, forming tall plants two to three feet high, and bearing in great profusion for a long period during the summer, large flowers of bright golden-yellow. Unequaled for cutting. Grows anywhere..... 10
- Hybrida Double**—Rich velvety maroon, bordered yellow; flowers are double and semi-double..... 5
- Tall Sorts, Mixed**..... Pkt., 5c. Dwarf Sorts, Mixed..... 5
- All Sorts and Colors, Mixed**..... 5
- Grandiflora**—Very large golden-yellow flowers; splendid for cutting. Hardy perennial..... 10

### ..... CANARY BIRD VINE. ....

One of the most desirable climbing plants, growing rapidly to a height of 10 feet; produces an abundance of bright yellow fringed flowers which resemble a canary bird with extended wings. .... 5

### CUPHEA. CIGAR, or FIRECRACKER PLANT.

A favorite bedding plant, familiarly known as Cigar Plant on account of its fancied resemblance to a lighted cigar. 1½ feet.

- Miniata—A pretty little annual for pots or the garden, bearing numbers of curiously shaped flowers, of a bright vermilion scarlet... 5
- Platycentra—Scarlet. Tender perennial..... 10

### CHRYSANTHEMUM.



CHRYSANTHEMUM.

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, distinct from autumn-flowering varieties.

#### ANNUAL VARIETIES.

- Eclipse—Pure golden, with bright purple-scarlet ring..... 5
  - Brilliant Crimson—Very showy..... 5
  - Golden Feather—White, banded crimson, inner ring canary yellow, maroon eye..... 5
  - Double White..... 5
  - Double Golden Yellow..... 5
  - Double Lemon-Yellow..... 5
  - Inodorum Flore Pleno—Best new sort, with large double white flowers; a free-bloomer; excellent cut flowers. 5
  - Single Varieties—Finest mixed..... 5
  - Double Varieties—Finest mixed..... 5
- All Sorts Annual Varieties, Double and Single in finest mixture.. 5

#### PERENNIAL CHRYSANTHEMUMS.

The following varieties are for pot culture, for blooming in the house in winter, and for florists for cutting for bouquets.

- Japonicum**—These are gorgeous autumn-flowering plants Quite distinct from the old varieties in style of flowers. Seed sown early will produce strong flowering plants the first year. The seed we offer is from a choice collection of named varieties.
- Double Superb Mixed—All types..... 25
- Double Good Mixed—All types..... 15
- Early Flowering Varieties—Very fine..... 25
- Frutescens—"Marguerite" or "Paris Daisy"—This variety, under the name of Marguerite, has obtained great popularity among florists. The pretty star-shaped white flowers are freely produced; the plant will grow under almost any circumstances..... 10





COBÆA SCANDENS.

**CLEMATIS.**

A well-known and admired rapid growing, free flowering, ornamental climber. No flower has more rapidly advanced in popular favor than the Clematis. Within a few years it has become the favorite climber of the world. For pillars, trellises or planting about rock-work Clematis can not be excelled. Seed should be sown in the fall or winter in shallow boxes in the usual way. They will generally lie dormant, even in the greenhouse, but germinate on the approach of spring. When an inch or two high transplant into boxes or small pots preparatory to planting in the open ground in May. Hardy perennial.

- Clematis, Large Flowering Mixed, (Jackmanii)**—Flowers 3 to 4 inches across, of charming shades of blue, white, purple, etc. .... 10
- Coccinea**—Very fine; tubular flowers of waxy red; interior yellow 10
- Flamula**—A luxuriant climber, with large clusters of small white sweet-scented flowers. .... 5
- Paniculata**—A fine climber; covered abundantly from top to bottom with pure white, fragrant flowers and pretty red seed-pods. 10

**COBÆA.**

A fine rapid growing annual climber, with handsome foliage and large, beautiful bell-shaped flowers. Seeds should be started in a hot-bed or by a warm window in the house, in rather dry soil, as they are apt to rot in open ground. In sowing, place the seed edge down, and do not water unless in a warm place, and the soil becomes very dry. A well established plant will run fifty feet in a season and cover a large veranda.

- BLUE**—Deep violet ..... 5
- WHITE**—Very fine. .... 10



CLEMATIS.

**CYPRESS VINE—Ipomœa Quamoclit.**

This is a most beautiful climber, with delicate, dark green, feathered foliage, and an abundance of bright star-shaped scarlet, rose and white blossoms, which, in the bright sunlight, present a mass of beauty. Planted by the side of a veranda, tree or stakes, and trained properly, nothing is prettier. The seeds will sprout more readily if warm water is poured on the ground after sowing.

- White**.... 5c.      **Scarlet**.... 5.      **Mixed**—Oz., 30c. .... 5

**IVY LEAF**—Fiery scarlet flowers; heart-shaped leaves..... 5

**COLEUS.**



COLEUS.

Beautiful ornamental foliaged plants, both for hot-houses and bedding out during the summer in sheltered places, not exposed too much to the sun. The broad, oblong, slightly dentated leaves being of a deep-crimson brown color, edged with green and yellow, or salmon, or mottled in a picturesque manner.

- EXTRA FINE HYBRIDS**—A mixture made up of the finest and showiest varieties possible to obtain from special growers. .... 15
- FINE QUALITY MIXED HYBRIDS**.. 10
- NEW LARGE LEAVED, "FRINGED COLEUS"**—The leaves are extremely large and superbly variegated, deeply cut, lacinated and fringed. The colors and markings are new and fine ..... 15

**COCCINEA INDICA.**

(Scarlet Fruited Ivy Leaved Climber.)

A handsome climber, with ivy-like foliage, flowering the first season if started early; beautiful, smooth, glossy leaves, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial. ten feet ..... 10

**COLLINSIA.**

Very pretty free-flowering annuals, blooming in whorls and several whorls around each flower stem; 1 to 2 feet. .... 5

**Collinsia, Mixed**—All varieties and colors..... 5

**CINERARIA.**

A favorite free-flowering greenhouse plant of wondrous beauty, with flowers of great richness and diversity of color; it blooms during the winter and spring months and can be planted out in summer. They thrive best in a mixture of loam and peat.

- LARGE FLOWER-ING HYBRID**—Choicest prize varieties mixed ..... 25
- LARGE FLOWER-ING**—Second quality. Very good... 15
- DOUBLE LARGE FLOWER-ING**—Choicest Mixed, from finest double flowers ..... 25



CINERARIA.

**CONVOLVULUS MINOR.**

(Dwarf or Bush Morning Glories.)



CONVOLVULUS MINOR.

Beautiful and showy plants, producing an abundance of richly colored flowers, and in fine weather the flowers remain open all day. They bloom from July until autumn. Hardy annual.

- AUREUS SUPERBUS**—Very large golden yellow flowers; 6 feet high. 10
- Crimson Violet**—Richest crimson violet, white throat, yellow eye—Oz. 20 5
- Splendens**—Rich indigo blue, white center, yellow throat ..... 5
- Choice Minor, Mixed**—Many varieties. .... Oz., 15c. 5
- Mauritanicus**—A beautiful trailing plant, very useful for hanging baskets. Bears profusely handsome blue flowers with white throat. .... 10

**CONVOLVULUS MAJOR, CLIMBERS**—(See Morning Glory.)

**COSMOS—(HYBRIDUS.)**

Of very rapid growth and makes large bushes fully five feet high, which are a mass of elegant foliage. From September until severe frost plants are covered with hundreds of showy blossoms two inches in diameter. The flowers are borne on long stems, are white, flesh-color, charming light pink and deep rose, each with a bright yellow center. Both foliage and flowers are excellent for bouquets and vases. They are easily raised from seed, and can be transplanted or grown from cuttings.

- COSMOS, FINEST MIXED HYBRIDS** 5
- PEARL WHITE**—Large, pure white flowers; very beautiful; valuable for florists ..... 5
- PURE PINK**—Large flowers of delicate pink. .... 5



COSMOS.

**NEW YELLOW DWARF**—A distinct variety, which blooms all summer and fall; flowers sulphur yellow; about two feet high. 10



CENTRANTHUS.

**MAMMOTH PERFECTION ("Giants of California")**—The flowers are double the size of any Cosmos yet offered—4 to 5 inches across—and of splendid substance; will last two weeks if placed in water as soon as cut. .... 10

- Giant Pink** ..... 10
- Pure White** ..... 10
- Giant Mixed**—10c. or 3 for 25c.

**CENTRANTHUS.**

The flowers are small and borne in clusters on light green, almost transparent stems. They form beautiful masses or borders, and are excellent for bouquets or other floral work. Hardy annual.

- Mixed Colors** ..... 5

### CARNATIONS AND PICOTEES.—PINKS.

The most magnificent of all the pink family, and are general favorites for their delicious fragrance and richness of color. Seed may be sown under glass in spring, or in the open ground; protect during winter; half hardy perennials. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers.

**Carnations and Picotees—Stage-Flowers, all classes, extra fine mixed**—Of unrivaled quality, and certain to give great satisfaction to the most critical.

- Riviera Market**—Of rapid growth and a splendid strain of perpetual Carnations, producing a large per cent. of double flowers; many fine colors, including yellow grounds ..... 25
- Perpetual or Tree**—Fine for winter flowering. **Double Choice Colors Mixed**..... 25
- Picotee—Choice Double Mixed**... 25
- Red Grenadin**—Habit dwarf and compact; brilliant double scarlet; very early ..... 10
- White Grenadin**—Double early flowering; snow-white..... 15
- Finest Mixed**—Saved from finest double named flowers..... 15
- Fine Double Mixed**—A small percentage will come single..... 10
- Early Flowering Vienna**—For open ground culture; choice double mixed, all colors. 10



CARNATION PICOTEE.



NEW MARGARET CARNATION.

### NEW MARGARET CARNATIONS.

They bloom in about four months after sowing the seed. The flowers are of perfect form, large and very sweet scented. The brilliant colors range through many beautiful shades of red, pink, white, variegated, etc. What is of special value, the calyx never bursts. Those sown in spring commence flowering in early summer, and continue to bloom in profusion until checked by frost, when they can be potted and taken in the house and will flower all winter, though, if intended specially for winter flowering, it will be better to sow later in the season. The plants are abundant bloomers, quite dwarf, much branched, compact and robust in habit, stands upright without support. **Mixture of choice colors**... 5

- White Margaret**—Extra fine, and produces nearly true from seed... 10
- Giant Margaret**—A new, and very fine large flowering strain ..... 10

### DAHLIAS.

Many people are not aware that Dahlias from seed sown in spring will bloom beautifully the first summer, and give good satisfaction. From one or two papers of seeds many plants can be raised, which will be of the greatest variety of colors, fully equal to many of the finest named sorts. Seed germinates quickly and easily, and plants grow rapidly. We would advise starting seed under glass, and transplanting to the garden in good rich soil the last of May, where they will grow with surprising rapidity, and bloom before you are aware of it. When not convenient to sow under glass, sow in open ground as soon as the weather permits.

- Double Large Flowering**—Extra choice mixed, from select flowers only..... 10
- Double Pompon (Bouquet)**—Extra choice mixed, from select flowers..... 10
- Cactus Dahlia**—Distinct and beautiful; worthy of general cultivation. **Finest mixed**..... 10
- Dwarf Cactus**—New, very fine..... 10



DOUBLE DAHLIAS.

**Single Flowered, Mixed Colors**—Flowers large, perfectly star-shaped, formed of broad petals. They grow and bloom very soon from seed ..... 5

**Striped and Spotted**—New and very beautiful with finely cut foliage and large single flowers of perfect form and brilliant colors. **Mixed**..... 5

- Intense Scarlet, New**—Single, and a beauty ..... 5
- Tom Thumb, New**—Very dwarf, only about twelve inches high and twenty-four inches across. Splendid colors ..... 10
- Livingston's Mixture**—Of many colors and kinds. 2 pks., 25c..... 15

### COCKSCOMB—(Celosia.)

Highly ornamental plants producing crested heads of flowers resembling a cock's comb. Flowers are of many colors and shapes, but the scarlet and crimson are the most brilliant and rich. Showy plants may be raised from seed planted in open ground in May. Oftener they are transplanted, or shifted, the larger and more beautiful they grow. Should be 3 ft. apart. Tender annual.

- New Japan**—The combs are delicately cut, while the colors are the brightest imaginable..... 5
- Giant Empress**—Grows about two feet high, has bright crimson combs, dark foliage, very beautiful..... 10
- Queen of the Dwarfs**—It grows only 8 inches high, combs 7 to 10 inches across, of perfect form and of brilliant dark scarlet..... 10
- Glasgow Prize**—Very dwarf; immense crimson combs; makes a fine border and excellent pot plant. One foot..... 5
- Golden Beauty**—Golden yellow combs; plants only one foot..... 5
- Tall**—Extra Fine Mixed ..... 10c. **Very Good Mixed**..... 5
- Dwarf**—Choice mixture of all sorts and colors..... 5



### DATURA.

(Trumpet Flower.)

An attractive plant with large foliage and a vigorous growth, producing a succession of large, trumpet-shaped flowers, larger than a Calla Lily and having a faint perfume. Two and a half feet.

- Cornucopia—Horn of Plenty**—Plant of robust habit, and, while not so hardy, assumes the proportions of a good-sized shrub in a single season. The flower is immense, often 10 inches long and 5 inches wide at the mouth, and conical, having three cones, one within the other, each with spreading, wavy margins. Color is fine purple-white, the former predominating outside, and the latter within the throat and tube of the flower ..... 10
- Fastuosa**—Fine double, mixed colors..... 5
- Wrightii**—White and lilac flowers..... 5
- Double Golden**—Yellow; fragrant ..... 5
- Double White**. 5c. **Double Purple**. 5



# DIANTHUS PINKS.

**CHINA AND JAPAN.**—Beautiful class of hardy pinks that flower freely the first season. Sow in a hot-bed, transplanting dwarf varieties six inches apart. If not kept too warm are useful house plants. Double varieties produce flowers as large as Carnation or Picotee. Hardy annuals that bloom the second season also if not allowed to bloom too freely the first. One foot high.

•••• **DOUBLE ANNUAL VARIETIES.** ••••

- Chinensis (China or India Pink)**—superb varieties, double, mixed. Ounce, 30c. 5
- Hedewigii (Double Japan Pink)**—Beautiful double flowers; mixed colors. Oz., 60c. 5
- Diadematus (Double Diadem Pink)**—Large flowers of dark shades, marked with white and black colors; rich and beautiful. Oz., 75c. 5
- Imperials (Double Imperial Pink)**—Choice colors mixed. 5
- Alba Flore-Pleno (Snowball)**—Double white, fringed flowers; fine. 5
- Mourning Cloak (White Frill)**—A splendid variety, with very double large flowers, of rich purple maroon, almost black, each petal edged with a margin of pure white; distinct; very fragrant. 5
- The Bride (Little Gem)**—A charming new white with rich purple center; very pretty. 5
- Laciniatus (Double Fringed Japan)**—Magnificent flowers, very large, petals deeply serrated and beautifully striped. 5
- Fireball**—Densely double dark blood-red flowers; extra fine. 5
- Double, Mixed**—Many choice kinds. Large Pkt., 10c.; regular pkt. 5

•— **SINGLE ANNUAL VARIETIES.** —•

- Crimson Bell**—Very large, single, brilliant dark red flowers. 5
  - Eastern Queen**—Magnificent single flowers, two to four inches across. Most splendidly striped and stained. 5
  - Hedewigii, Mixed**—Flowers 3 inches across; rich, beautiful colors. 5
  - Laciniatus, Mixed**—Flowers very large, sometimes three inches in diameter; petals very deeply fringed and beautifully colored. 5
  - SALMON QUEEN**—A most beautiful new Single Pink; the tints are distinct from all others; of the most brilliant salmon color imaginable; finely formed and nicely fringed. 10
- **HARDY PERENNIAL VARIETIES.** ••••
- Adapted for beds and borders; sweet scented; should be in every garden.
  - PLUMARIUS (Pheasant Eye)**—A beautiful single pink, fringed edge, white flowers with dark center. 5
  - PLUMARIUS, Double**—large flowering; fringed; many colors. 10
  - NEW PERPETUAL**—Very beautiful, sweet scented, double, semi-double and single flowers in a great range of colors. 10
  - GARDEN, OR CLOVE-SCENTED PINKS (Hortensis Varieties)**—Beautiful double. Mixed colors. 5

## DOUBLE DAISY. (BELLIS.)

A charming little plant for pots, edgings and borders. Give it a cool, partially shaded place. Sow seeds very early. The flowers are abundant in early spring and may be made to flower later by the use of water. Plants can be removed safely, even when in flower. Tender perennial. Six inches.



DOUBLE DAISY.

- Double Mixed**—Finest German seed. 5
- Double White**—Very fine. 5
- Longfellow**—Very double dark pink flowers; of unusual size. 10
- Snowball**—A large and very double pure white daisy. Flowers on long stems; excellent for cutting. 10

## DRACÆNA. (Club Palm.)

Beautiful ornamental leaved plants suitable for vases and house-decoration. Mixed—Splendid sorts. 10

## ESCHSCHOLTZIA (California Poppies.)

Summer-flowering annuals with very showy flowers. Sow where wanted to bloom, as they do not bear transplanting. Thin to 6 inches apart. The fine bushy plants grow about 1 foot. One of the best garden plants and easily grown. The large, brilliant saucer-shaped flowers are produced in great profusion.

- California**—Sulphur; orange center. Single 5
- Mandarin**—Large flowers of a bright scarlet; inner side rich orange. Single. 5
- Finest Mixed Single**—5c. Double Mixed 5



ESCHSCHOLTZIA.

## DIGITALIS. "Foxglove" or "Witches' Fingers."

Ornamental hardy border plants, easy culture, having long spikes of showy flowers. 3 to 5 feet. Mixed Colors. 5

- Sotted Varieties**—Very beautiful. Mixed. 10
- Monstrosa, Mixed**—Large spikes of novel and beautiful flowers. 10
- EDELWEISS. Gnaphalium Leontopodium**—Famous and true Edelweiss of the Alps. Flowers of a downy texture, pure white, star-shape; easily raised from seed. 10
- EUTOCA.** Free-flowering; for beds, borders, etc.; excellent for cutting, because a branch placed in water will bloom many days, and is intense in color. Succeeds best in warm soil, not too rich. Hardy annual. 5
- Eutoca Viscida**—Mixed Colors. 5

## EUPHORBIA.

Strong growing annuals suitable for beds of tall growing plants or mixed border; the flowers are inconspicuous; the foliage, however, is very ornamental.

**Variiegata**—(Snow on the Mountain)—Attractive foliage, veined and margined with white; 2 feet. 5

**Heterophylla**—(Annual Poinsettia. Mexican Fire Plant. Painted Leaf)—An annual resembling in habit and color the beautiful hot house Poinsettia. Plants grow 2 to 3 feet high, of bushy-like form, with smooth glossy green leaves, which, about midsummer become a beautiful orange scarlet, presenting a striking and brilliant appearance. 10



**FERNS.** Too well known to need description. They thrive best in peaty, sandy soil and moist, shady positions in the garden in summer. The seed is a little slow to germinate. Sow very shallow, barely covering the seed with fine soil.  
**Choice Mixed Maiden Hair varieties.**..... 15  
**CHOICE MIXED—Fine collection.**..... 15

**FOUNTAIN PLANT.**

**NEW PURPLE—**Resembles a charming dwarf pampas grass, with most beautiful purple plumes. An elegant and graceful plant... 10

**FOUR O'CLOCK—(Marvel of Peru).**



Old-fashioned, but none the less beautiful. The plant is bushy, two feet high, and bears hundreds of flowers during the summer. The flowers are funnel-shaped, white, red and striped; very fragrant. Will grow in any good garden soil, from seed sown in open ground. Hardy annual.

- Four O'Clock—Mixed Colors, ounce.**..... 5
- Variegated—Gold striped foliage, brilliant flowers, oz.**..... 20
- White Tom Thumb—**A little beauty only ten inches high..... 5
- Tom Thumb, mixed**—Hands some little dwarf bushy plants filled with many-colored flowers..... 5

**Longiflora—**Long, white, very sweet flowers..... 5

**Multiflora—**One of the best, large violet flowers borne in bunches. 10

**FREESIA.** Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant **Refracta Alba**..... 10

**FUCHSIA.** Fuchsias are as easily grown from seed as cuttings, and from seed many new varieties are obtained. They will flower freely the first year in open ground, while the plants can be taken in the house in the winter, where they flower still more freely. **Finest Single and Double varieties, Mixed**..... 15

**FORGET-ME-NOT—(Myosotis).**



The Forget-Me-Not is an old, favorite plant, bearing clusters of star-shaped, delicate blue flowers with white and yellow eyes. It flourishes best in a moist, shady situation, and is in constant bloom nearly the whole season. Blooms the first year from seed if sown early. Seed sown in autumn will succeed best and flower in early spring. Hardy perennial.

- Alpestris—**bright blue, free blooming..... 5
- Alpestris Alba—**Pure white; ½ foot..... 5
- Victoria—**Of bushy habit; covered with large, azure-blue flowers; very fine..... 10
- Victoria—New Rose**..... 10

- Grandiflora—**New; large flowering; distinct and very fine..... 5
- Dissitiflora—**Compact habit; profuse early bloomer; large flowers of exquisite blue; an attractive bedding plant; ½ foot..... 10
- Semperflorens—**Charming dwarf variety; thrives in sun or shade; blooms from early to late with beautiful blue flowers..... 5

**GLOBE AMARANTH.**

Annuals with bushy plants two feet high, bearing profusely: an excellent everlasting or immortelle; also ornamental as summer blooming plants; flowers globe-shape, white, purple, orange and variegated; retain their shape and color for years; also good for cutting as fresh flowers. Also called "Bachelor's Button." **Mixed, Many Colors** 5  
**Dwarf Double, Mixed—**Of very compact, dwarf habit, only a few inches high; pretty for pots or edging..... 5

**GLADIOLUS.** Magnificent plants with sword-like leaves and long spikes of flowers of every conceivable color and shade. The variations are now numbered almost by thousands, each year bringing forth new and choice selections which have been produced from seed. Half hardy perennial.  
**Splendid Mixture**..... 10 **Livingston's Hybrids, Mixed** 10

**GILLA.** A familiar and popular garden plant with finely cut and delicate foliage, producing dense globular heads of clustered blossoms. Foliage and flowers are both beautiful. Sow in masses early in spring in good soil. Hardy annual, 1 foot. **Mixed Colors**..... 5

**GLOXINIA.** The Gloxinia is a grand flower and makes a lovely pot plant as easily grown and cared for as many of the common flowers. Without seeing them no one can appreciate their unrivaled beauty; they are of large size, beautiful shape and profuse bloomers, the colors ranging from pure white to dark blood red, pink lavender, indigo-blue, marbled and spotted. They will bloom in three months from time of sowing seed, or in six weeks from time the dry bulbs are planted. Flowers will last in water, when cut, two weeks. **Our Splendid Mixture** of best kinds is unsurpassed..... 25

**GODETIA.**

An attractive and hardy annual, deserving of extensive cultivation; profuse flowering plants, growing in almost any good garden soil.  
**Lady Albemarle—**Brilliant dark crimson; very effective..... 5  
**The Bride—**Crimson and white; fine..... 5  
**Duchess of Albany—**Large glossy, satiny white flowers, about four inches across; beautiful..... 5  
**Bijou—**Flowers splendid, white with large carmine spots; bears hundreds of flowers to a plant..... 5  
**Fine Mixed—Many sorts and colors.**..... 5  
**Dwarf Sorts, fine mixed.**..... 5  
 4 packets for 15 cents, one each of the above named Godetias.

**GOURDS.**

**Small Ornamental Sorts—**A great variety of curiously formed and marked fruit. The vines are of rapid growth and with luxuriant foliage, adapted for covering screens and arbors; 10 to 15 feet high.

**Serpent—**Striped like a serpent, changing to a brilliant carmine when ripe. 5 feet..... 5  
**Mixed—**Many beautiful kinds. Oz. 40c. 5

For other varieties of Gourds see Vegetable List.



GOURDS.

**GERANIUM.**

- Zonale—**Mixture of largest and finest sorts..... 10
- Variegated Leaved—**Bronze, Gold, Tri-Color sorts..... 15
- Apple Scented—**Fragrant..... 10
- Double Varieties, Mixed**..... 25

**GYPHOSOPHILA.**

Small, fragrant flowers, borne on long, feathery stems. No flower adds more light and grace to a bouquet than this, and when once grown will be found indispensable. In bloom from July until frost. Although not belonging to the immortelle class, the flowers dry finely and are desirable for winter bouquets. Hardy annuals.

**Elegans, Mixed—**White and pink flowers. 1 foot..... 5  
**Muralis—**Dwarf, of compact growth; for edgings, one of the most charming and graceful; thrives anywhere. Pink flowers, 6 inches..... 5

**GAILLARDIA.**

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during summer and autumn.

**Lorenziana—**One of the most valuable annuals we have for cut flowers. Beautiful and distinct in appearance; flowers form in globular shape and are borne on slender stems; finely fringed; early; continues in bloom until frost. **Mixed**, 5

**Perennial—**One of the most showy and perpetual blooming plants. **Many Colors Mixed** 10



GAILLARDIA.

**HELIANTHUS (Sunflower).**

A well-known genus of most showy plants, remarkable for their stately growth and the brilliancy and size of their flowers; also said to absorb the iniasma from the atmosphere, thereby being a fever and ague preventive.

- Mammoth Russian—**Very large; single flower, oz. 10c..... 5
- Minutara—**A showy variety of dwarf branching habit; blooms profusely all seasons; flowers two inches in diameter; orange-yellow with black center; elegant shape, finest for wearing or bouquets. 3 feet..... 5
- Globe of Gold—**Globe shape, extra double; large flowers very much resembling a fine yellow Dahlia..... 5
- Nanus—**Double dwarf, orange flowers; 4 feet..... 5

**HUMULUS JAPONICUS—(Japan Hop).**

This new Japanese variety of Hop is a splendid annual climber for rapidly covering arbors, walls, terraces, etc. **Japonicus**..... 5  
**New Variegated—**Leaves beautifully variegated with white..... 10

**HYACINTH BEAN—(Dolichos Lablab).**

A splendid annual climber, with abundant clustered spikes of purple and lilac flowers, which are followed by exceedingly ornamental seed pods. It is of rapid growth, climbing 20 feet in a season. Plant the seeds after the weather has become warm.  
**Purple**..... 5. **White**..... 5. **Mixed**..... 5. **Ounce**..... 15

**HONESTY—(Satin Flower).**

Early, fine-flowering plant, bearing racemes of pretty, single purple flowers. The silvery seed pouches are curious and pretty, and desirable for house ornaments and working in with everlasting flowers; a hardy biennial..... 5



**HOLLYHOCK.** The Hollyhock, in its present state of perfection, is very unlike its parent of olden time; it now ranks with the Dahlia, Aster, etc. For a background to a flower garden, perhaps no plant is so useful; the flowers are as double as a rose, of many shades of color. Hardy perennial; five feet high. The seed we offer of this handsome flower has been saved from the best collections in Europe.

**SUPERB DOUBLE VARIETIES:**

|                                                                    |      |              |    |
|--------------------------------------------------------------------|------|--------------|----|
| Pure White.....                                                    | 10c. | Pink.....    | 10 |
| Lemon Color.....                                                   | 10c. | Crimson..... | 10 |
| Faust—Black edged with white.....                                  |      |              | 10 |
| Chater's Finest Mixed—Double varieties of greatest perfection..... |      |              | 10 |
| Extra Choice—Double mixed, many kinds.....                         |      |              | 10 |
| Good Mixture.....                                                  |      |              | 5  |

**HELICHRYSUM—(Everlastings.)**

Large, full, double, everlasting flowers, of various colors, from bright yellow to scarlet, shaded and tipped, also pure white. Peculiarly desirable as dried specimens, and exceedingly handsome bouquets may be formed of them for winter, if blossoms be gathered when on the point of expanding. Sow in spring in any good garden soil, and thin the plants to one foot apart each way. Hardy annual.

|                                                         |   |
|---------------------------------------------------------|---|
| Large Flowering Double Mixed.....                       | 5 |
| Double Small Flowered, Mixed Colors—A rich mixture..... | 5 |
| Dwarf Mixed—A mixture of dwarf kinds.....               | 5 |

**HEDYSARUM—(French Honeysuckle.)**

Handsome flowering plants, producing racemes of attractive perfumed flowers. It bears some resemblance to the Scarlet Clover, but is a much bolder and handsomer flower, a desirable hardy perennial.

|                              |     |            |   |
|------------------------------|-----|------------|---|
| Coronarium—Fine scarlet..... | 5c. | White..... | 5 |
|------------------------------|-----|------------|---|



**HELIOTROPE.**

Every one loves the delightful fragrance and beauty of the Heliotrope, but very few are aware of the fact that it can be raised from seed as easily as Verbenas. Seed sown in open ground the plants will flower in August, while a fine display can be had earlier by starting the seed in the house and setting out plants when the weather is warm.

|                                                   |    |
|---------------------------------------------------|----|
| King of the Blacks—Very deep.....                 | 10 |
| Boule de Neige—(Snowball).....                    | 10 |
| Dr. Livingston—Very fine dark sort                | 10 |
| Choice Mixed—Dark flowering sorts, very fine..... | 5  |
| Fine Mixture—Of light and dark shades.....        | 5  |

|                                                                  |    |
|------------------------------------------------------------------|----|
| Queen Marguerite—Very large dark blue flowers, elegant.....      | 15 |
| New Blue—Large blue flowers with white center, new and very fine | 15 |

**IMPATIENS—(Zanzibar Balsam.)**

This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open air at the end of June, it grows luxuriantly, flowers with the greatest profusion. A beautiful plant for window culture in winter. Tender perennial. One foot.

|                                              |    |
|----------------------------------------------|----|
| Sultani—Bright rose.....                     | 10 |
| Splendens—Bright rosy carmine, splendid..... | 15 |

**HIBISCUS.**

A branching plant of the easiest culture, with rather pretty foliage, and large flowers. The flowers are exceedingly showy, and continue to bloom from June to October. Hardy annual. Two feet High.

**Africanus**—Flowers cream yellow, with purple center..... 5

**Crimson Eye**—One of the best plants of recent introduction. The very large white flowers have a deep crimson center. Succeeds anywhere and blooms profusely from seed the first season if sown early..... 10

**Giant Yellow**—A shrubby perennial with flowers 6 to 9 inches in diameter. The color is a rich deep cream with velvety maroon center. Seed should be started early in the greenhouse or window, so as to set outside early in the season..... 10



HIBISCUS, CRIMSON EYE.

**IPOMÆAS.**

**Moon Flowers. Brazilian Morning Glories.**

Climbers of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable.

**Ipomœa Coccinea**—Small scarlet flowers in profusion; also known as the "Star Ipomœa"..... 5

**Bona Nox**—(Evening Glory)—Violet, large, fragrant flowers, expanding in the evening..... 5

**Heavenly Blue**—(Rubro-Cœrulea)—Immense flowers of bright sky-blue, very beautiful..... 10

**New Japanese Morning Glories**—Some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Oz., 40c..... 10

**Brazilian Morning Glory**—(Setosa)—Flowers 3 inches or more across, of a beautiful rose color, borne in large clusters very freely from July to frost. Leaves 8 to 12 inches across. As a quick growing vine and dense shade it has no equal, covering an enormous space in a few weeks' time. We know of nothing better for covering trees, porches, etc..... 10

**Mixed**—All colors. Per oz., 30c..... 5

**Noon Day Glory**—(Sinuata)—A lovely climber, vines slender, leaves distinct from others being deeply cut, flowers opens bell-shaped, white with red throats. Flowers open in the morning and close at night. Sow seed early after soaking in warm water until they swell..... 10

**LEARI**—"Blue Dawn Flower"—This is a grand companion to the White Moon Flower. It has a lovely satin blue flower with crimson bars. Planted with the White the effect is great. Of easy culture outside and a grand greenhouse climber..... 10

**MOON FLOWER—White-Seeded Ipomœa Noctiflora, or Grandiflora Alba**—The variety most generally grown, being larger in flower, firmer in texture, and of sweeter odor than the common black seeded variety. It bears in greatest profusion its lovely immense white flowers, five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. To obtain the best results, start early in the house and set out as early as safe in the spring; usually they begin to flower early in August, the vines are nightly covered with flowers emitting a rich odor. If planted in rich ground, in a sunny situation, the vines attain a height of 25 feet in a season. Oz., 60c..... 10

**MOON FLOWER—New Cross-Bred, or Hybrid**—Of great value for the North, as it is in full bloom fully one month earlier than the preceding, and while not quite so large as white-seeded, yet they are very numerous. It is of luxuriant growth. Flowers pure white, large and fragrant. Both foliage and flower vary in form on different plants, some being scalloped, others round, and others five-pointed or star-shaped; the foliage also varies from the original shape to oak-leaved and heart-shaped. It grows with great rapidity to a height of 50 feet; the bright green foliage makes an admirable shade for verandas and arbors. Oz., 60c..... 10



MOON FLOWER.

**ICE PLANT.** A singular looking plant with thick, fleshy leaves, which have the appearance of being covered with crystals of ice. Start early in pots, and transplant into light, sandy soil in a warm situation. Tender annual.

|                                                |   |
|------------------------------------------------|---|
| Ice Plant—(Mesembrianthemum Crystallinum)..... | 5 |
|------------------------------------------------|---|

.... **JOB'S TEARS**—(*Coix Lachryme.*)....

An ornamental grass which, when dried and tastefully arranged with everlasting flowers makes an attractive winter bouquet. Half hardy annual. One to two feet.

**KENIL WORTH IVY**—(*Linaria Cymbalaria.*)

A hardy and pretty little climber for covering rock-work, and very useful for hanging baskets, vases, etc. Hardy perennial.

~~~~~ **LARKSPUR**—(*Delphinium.*)~~~~~

The Larkspur is one of the handsomest and most useful of all plants, and will bloom in the driest season with surprising persistence. The brilliancy of some of the colors is unsurpassed.

**HARDY ANNUAL SORTS:**

- Lustrous Carmine**—(*Stock-Flowered*)—Very fine indeed. 10
- Double Dwarf Rocket**—Grows 12 inches; 12 good kinds mixed. 5
- Rocket Tall Double**—Finest mixed. 5
- Tall Stock Flowered**—Spikes of double flowers 18 inches long; very beautiful and the best for florists; two feet high; branching. Several of the brightest and best colors mixed. 5
- Double Emperor**—Compact and profuse bloomer, having erect spikes of perfectly double flowers, which, in a dried state, are fine for winter bouquets. Mixed colors. 5

**HARDY PERENNIAL SORTS:**

- Elatum Hybridum**—Has hairy petals in the center, and a fancied resemblance to a bee. Five feet high. 5
- Grandiflorum Album**—Large double white flowers. 4 feet high. 10
- Formosum**—Rich blue and white. Three feet. 5

**LUPINUS**—(*Sun Dials.*)

Profuse flowering ornamental plants, producing graceful spikes of rich and varied colored flowers; useful for beds and mixed borders. Must be sown where they are to grow, as they do not bear transplanting. 1½ to 3 feet. Annual Varieties—Finest mixed. 5

**LYCHNIS.** But few plants produce such bright bloom and so continuous; hardy perennials, but bloom the first season from seed.

- Haageana**—Large scarlet blossoms. One foot high. 10
- Grandiflora Giant**—Immense scarlet flowers. Three feet. 10

**LOBELIA.** Exceedingly pretty, profuse blooming plants of great value to the flower garden; their delicate drooping habit, and profusion of charming little flowers, render them ornamental. Annual Sorts.

- Goldense**—New golden yellow foliage and deep azure blue flowers, a charming beauty. 10
- Crystal Palace**—Compact. Dark blue; excellent for edgings and carpet bedding. 10
- Emperor William**—A very fine compact; intense blue flower; one of the best. 10
- White Gem**—Compact. Pure white. Beautiful. 10
- Royal Purple**—Dark stalks; deep blue flowers; distinct white eye. 10
- Finest Mixed, Compact Varieties.** 10
- Gracilis**—Fine for hanging baskets, vases, etc.; light blue; trailing. 5

**LEPTOSIPHON.** A hardy dwarf annual of the easiest culture for masses and marginal lines in beds. 6 to 8 inches high. Finest Mixed. 5

**LANTANA.** Popular free-flowering and very rapid growing plants with large flower heads of various colors which emit a powerful aromatic perfume and are continually changing their color. The plants form bushes, during the summer are completely loaded with blossoms, succeeded by berries, which when ripe, turn a deep blue. Start plants in the house or hot-bed; protect from frost; tender perennial.

- Finest French Varieties**—Mixed. 10

**MIGNONETTE.**

A well-known plant producing dense, semi-globular heads of very fragrant flowers, borne on spikes 3 to 8 inches long. In bloom nearly the whole season. If sown at intervals during the spring and early summer it will bloom until killed by frost; sown in autumn will bloom early in spring; hardy annual; perennial if protected. 1 foot.

- Reseda Odorata**—(*Sweet Mignonette*)—Well-known fragrant, hardy annual. Oz., 15c.
- Parson's White**—Robust habit; pure white. Oz., 40c.
- Improved Victoria Red**—A perfect beauty in every respect. Grows about six inches high. Beautiful pyramidal spikes of regular

- form, pretty brilliant red flowers, dark glossy green foliage. 5
- Miles' Spiral**—Entirely distinct from the older varieties. A strong grower and most abundant bloomer. Oz., 20c. 5
- Grandiflora**—Large flowers. Oz., 15c. 5
- Golden Queen**—Fine; flowers of a golden hue. Oz., 30c. 5
- Machet**—Plant dwarf and vigorous, of good habit, producing many large spikes of very sweet-scented flowers. Oz., 60c. 5
- GOLDEN MACHET**—New—Fine golden yellow flowers; large spikes. 10
- Gabriele**—Very fine large spikes of red flowers. Oz., 50c. 5
- Many Kinds Mixed** Oz., 25c. 5

**MOON FLOWER**—See *Ipomœa*.

**MINA LOBATA.** A rapid and luxuriant climber for trellises, arbors, etc. Flowers tube-like, and borne 15 to 25 in number on graceful, drooping spikes from bottom to top of plant; bright red, changing to orange then cream. Tender annuals. Start early in pots. 15 to 20 feet. Lobata. 10

**Mina—Sanguinea**—A most beautiful annual climber; an improvement over *Lobata*, flowers earlier. 10

**MARIGOLD.**

A well-known magnificent plant with handsome flowers of rich and beautiful colors, and neat, compact green foliage, producing a splendid effect in almost any situation. The African is the taller and more striking in large beds and shrubbery borders; while the French fills in front, or is used in small beds. Half hardy annual.



MARIGOLD, "LEGION OF HONOR."

- Legion of Honor**—"Little Brownie"—This is the prettiest and handsomest of all dwarf Marigolds. They bloom from the beginning of summer until late in the fall. Flowers are single, a most beautiful rich golden yellow marked with large blotches of velvety-brown. 1 foot. 10
- Tall African**—Mixed—Two feet high. 5
- French Dwarf**—Mixed—They form low, compact bushes with masses of fine very double flowers; one foot. 5
- Eldorado**—Immense double flowers, all shades of yellow. 5
- Gold Striped**—Deep red, striped golden yellow. 5



MORNING GLORY.

**MORNING GLORY.**

(*Convolvulus Major.*)

The best known and most popular annual climber we possess, growing 30 to 50 feet high; seeds germinate so readily that they can be grown in the garden any place where the plants are needed. Furnish support early.

- A Splendid Mixture of Choicest Kinds**—Many bright colors. Lb., 75c.; ½ lb., 25c.; oz., 10c. 5
- White** . 5. **Blue** . 5. **Striped** . 5
- Rose** . . . 5. **Blood Red** . . . 5

**NEW DOUBLE FLOWERING**—Very rapid climbers; flowers mostly double, semi-double and a few may come single. Colors, blue, white, spotted, crimson, etc. 10

- Variiegated Leaf Morning Glory**—(*Ipomœa Marmorata*)—Foliage beautifully striped and variegated; flowers of various colors. 10
- New Japanese**—See *Ipomœa*, page 73.

For Dwarf or Bedding Morning Glories see *Convolvulus Minor*.

**MUSA ENSETE**—(*Abyssinian Banana Plant.*)

Strikingly effective as single specimens upon the lawn, as well as in clumps or masses. Its rapidity of growth is astonishing; if the seed is sown early in the house, they will attain a height of 10 to 12 feet the first summer. Planted in a tub and given an occasional application of liquid manure and watered sparingly, they attain a gigantic size the second season. The leaves are magnificently long, broad and massive, of a beautiful bright green. Musa. 25

**MATRICARIA**—(*FEVERFEW.*)

Free-flowering herbaceous plants, succeeding in any garden soil; fine for bedding or pot-culture; hardy annual.

**Crispa Alba Plena**—Very handsome double white flowers; dense and pretty curled foliage, like parsley; fine for ribbon beds. 8 inches. 10

**Capensis fl. pl.**—Double white flowers, splendid for bouquets, etc.. 5

**MAURANDIA.** Beautiful, rapid, slender growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before approach of frost. A half-hardy perennial, flowering the first season if sown early. One of the most popular climbers. 10 feet.

**Mixed, Choicest Kinds** . . . . . 5



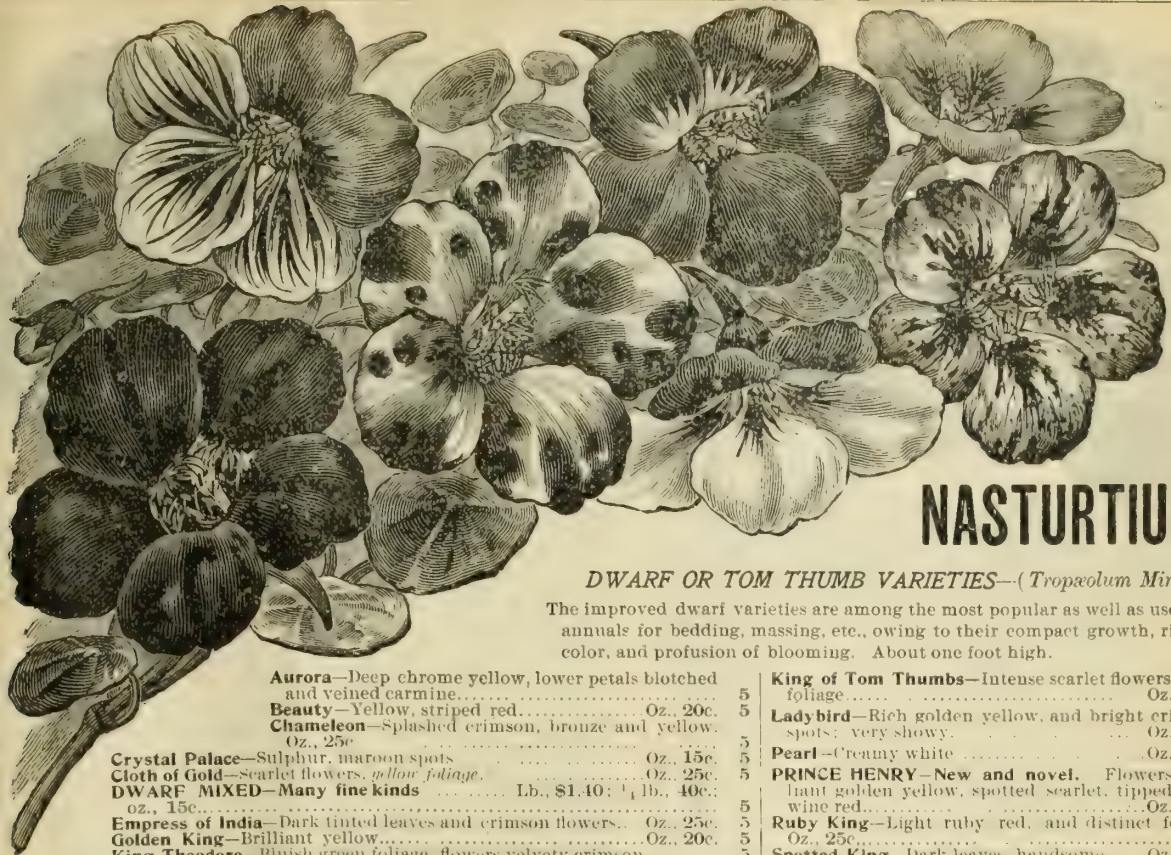
MAURANDIA.

**MIMULUS**—(*Monkey Flower.*)

Showy, profuse flowering plants, comprising numerous varieties with white, sulphur, and yellow grounds, spotted with crimson, scarlet and pink; fine for greenhouse or moist, shady situations; half-hardy perennials; blooms the first year from seed if sown early. Seed is very small and should be covered very slightly. **Tigrinis**—Fine Mixed spotted varieties. 5

**Moschatus**—(*Musk Plant*)—Fine for hanging baskets, etc.; small yellow flowers; the thin delicate leaves emit a pleasant musk odor 5

NASTURTIUMS



NASTURTIUMS.

DWARF OR TOM THUMB VARIETIES—(*Tropaeolum Minor.*)

The improved dwarf varieties are among the most popular as well as useful of all annuals for bedding, massing, etc., owing to their compact growth, richness of color, and profusion of blooming. About one foot high.

|  |                            |   |           |   |
|--|----------------------------|---|-----------|---|
| <b>Aurora</b> —Deep chrome yellow, lower petals blotched and veined carmine..... | 5                          | <b>King of Tom Thumbs</b> —Intense scarlet flowers, dark foliage.....   | Oz., 15c. | 5 |
| <b>Beauty</b> —Yellow, striped red.....  | Oz., 20c.                  | <b>Ladybird</b> —Rich golden yellow, and bright crimson spots; very showy.....                                  | Oz., 25c. | 5 |
| <b>Chameleon</b> —Splashed crimson, bronze and yellow.....                       | Oz., 25c.                  | <b>Pearl</b> —Creamy white.....   | Oz., 20c. | 5 |
| <b>Crystal Palace</b> —Sulphur, maroon spots.....                                | Oz., 15c.                  | <b>PRINCE HENRY</b> —New and novel. Flowers brilliant golden yellow, spotted scarlet, tipped with wine red..... | Oz., 30c. | 5 |
| <b>Cloth of Gold</b> —Scarlet flowers, yellow foliage.....                       | Oz., 25c.                  | <b>Ruby King</b> —Light ruby red, and distinct foliage.....   | Oz., 25c. | 5 |
| <b>DWARF MIXED</b> —Many fine kinds.....   | Lb., \$1.40; 1/4 lb., 40c. | <b>Spotted King</b> —Dark leaves handsome.....  | Oz., 25c. | 5 |
| <b>Empress of India</b> —Dark tinted leaves and crimson flowers.....             | Oz., 25c.                  |   |           |   |
| <b>Golden King</b> —Brilliant yellow.....  | Oz., 20c.                  |   |           |   |
| <b>King Theodore</b> —Bluish green foliage, flowers velvety crimson.....         | Oz., 20c.                  |   |           |   |

NEW TOM THUMB LILLIPUT

A grand variety of charming colors, and extra large beautiful flowers. "Gay and Festive"..... Lb., \$1.75; 1/4 lb., 50c.; oz., 25c. 10

LOBB'S CLIMBING NASTURTIUM.

As easily grown as the common Tall Nasturtiums, but the brilliance and profusion of blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors, vases, etc., in summer. Ten to fifteen feet.

|   |                      |
|---|----------------------|
| <b>Asa Gray</b> —Cream white, blotched crimson maroon.....  | 5                    |
| <b>Brilliant</b> —Rich bright scarlet.....  | 5                    |
| <b>Giant of Battles</b> —Sulphur spotted red.....   | 5                    |
| <b>King of the Blacks</b> —Deepest brown.....   | 5                    |
| <b>Lucifer</b> —Dark scarlet.....   | 5                    |
| <b>Spitfire</b> —Fine crimson.....  | 5                    |
| <b>LOBB'S MIXED</b> —Many colors, including the above and others; fine varieties.....   | 1/4 lb., 50c.; 15 5  |
| <b>New Climbing Hybrid Nasturtiums</b> —A new race obtained by a French specialist. Dark colored foliage, the flowers are richer and colors more varied than other classes..... | 1/2 oz., 15c.; 25 10 |

TALL OR CLIMBING VARIETIES.

Beautiful and luxuriant annual climbers for verandas, trellises, etc., of easiest culture. They are profuse bloomers until killed by frost. Stands heat and drouth without the slightest effect. The seed pods can be gathered while green and tender, for pickling. Six to ten feet.

|  |                                |   |
|--|--------------------------------|---|
| <b>Crimson</b> .....   | 20                             | 5 |
| <b>Chocolate</b> .....   | 20                             | 5 |
| <b>King Theodore</b> .....   | 25                             | 5 |
| <b>Orange</b> .....  | 20                             | 5 |
| <b>Scarlet</b> .....   | 20                             | 5 |
| <b>Lemon Yellow</b> .....  | 20                             | 5 |
| <b>Yellow Spotted Crimson</b> .....  | 20                             | 5 |
| <b>Striped Scarlet</b> .....   | 20                             | 5 |
| <b>Scarlet and Gold</b> —(New)—Foliage bright yellow; flowers scarlet..... | 20                             | 5 |
| <b>TALL KINDS—Extra Mixed</b> .....  | Lb., \$1.25; 1/4 lb., 40c.; 15 | 5 |

NICOTIANA. A very pretty, large, flowering tobacco. An effective plant for groups. Half hardy annual.

|   |    |
|---|----|
| <b>Affinis</b> —Rosy bluish, produces freely; sweet scented, large star-shaped white flowers. Three feet..... | 5  |
| <b>Colossea</b> —New giant; immense foliage. Five to six feet.....  | 15 |

NIGELLA—(Love in a Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely cut foliage, curious looking flowers and seed pods; of easy culture in any garden soil. Hardy annual. **Damascena**—Mixed, blue and white; 1 foot.....

**NEMOPHILA**—(Love Groves.) This plant is found in almost every garden, and has a secure place in the heart of every lover of flowers. Of dwarf, spreading habit; well adapted for border or pot culture. Flowers are finely colored, blotched and spotted. Quite apt to sport into an endless variety of shades. Hardy annual. Six inches.

**Fine Mixed**—All colors.....

GENOTHERA—(Evening Primroses, or Sun Drops.)

Large showy flowers of various colors; hardy annual. **Fine mixed Mexican Primrose**.....

**OXALIS**. Pretty little half-trailing annual, for hanging baskets, vases, rockwork and edgings, flowering in profusion, six to nine inches. **Mixed**—Annual sorts.....

**PERILLA**. A very fine and dark ornamental-leaved annual. Has a broad, serrated leaf of a purplish mulberry color; 18 inches or more in height. Very desirable for center of bed of ornamental leaved plants; also for a low screen or hedge.

**Nankinensis**.....

PASSION FLOWER. A most interesting and well-known order of climbers of rapid growth,

with singular large flowers, well adapted to house culture in winter or for training over porches, etc., or in sunny positions in the open ground in summer. **Coeurica**—Large flowers of violet and blue.....

INCARNATA—(“May Pops”)

This singular and beautiful climber will flower the first season from seed, and it is a remarkably pretty vine. Flowers 2 to 3 inches across, flesh white with purple rays; these are followed by beautiful golden edible fruits. The plants can be potted for winter decoration.....

**PENTSTEMON**. A popular and most beautiful and attractive flowering hardy plant. Bears long, graceful spikes of rich colored flowers of white, pink, scarlet and blue, beautifully spotted and marked; will bloom in June the first season if sown early in March and planted out in May; half hardy perennial; 2 to 3 feet. **Large Flowering**—A splendid mixture.....

PYRETHRUM—(Feverfew.) Hardy Flowering Varieties.

|   |    |
|---|----|
| <b>Single Large Flowering Hybrids</b> —Mixed.....   | 10 |
| <b>Double Large Flowering Hybrids</b> —Mixed.....   | 25 |
| <b>Roseum</b> —Persian Insect Powder—Rose color; one foot.....  | 10 |
| <b>Yellow Foliage Sorts for Bedding</b> —Dwarf growing plants extensively used for ribbon and carpet bedding. The plants grow about 10 to 12 inches high, with bright yellow foliage. These are usually grown as annuals, although they are perennials..... |    |
| <b>Aureum Golden Feather</b> —Foliage deeply cut and fringed; a rich golden yellow color; 12 inches.....  | 5  |



# PANSIES

**THESE** charming favorites are very much improved in size, shape and color, and no flower is more popular with florists and amateurs, giving abundance of bloom until after severe frosts, enduring our hard winters with safety, and greeting us in the earliest spring with a profusion of bright blossoms. It will flower better in the middle of summer if planted where it is somewhat shaded from the sun, and furnished with a good supply of water, but in almost any situation will give fine flowers in the spring and autumn. Pansy seed may be sown in the hot-bed or open ground; if sown in the spring get in as early as possible, so as to have the plants in bloom during the early rains; they are easily transplanted. Seeds sown in a cool place in June or July, and watered until up, will produce fall flowering plants; if sown in October they will flower in early spring. To have good flowers the plants should be vigorous and make a rapid growth. Young plants give the largest flowers.

**Our Pansy Seed is the Best to be obtained.** This favorite flower is one of our specialties, and the following varieties and mixtures are secured from special Pansy Growers in the United States, England, France, Germany and elsewhere, regardless of cost. We do not hesitate to recommend them with the greatest of confidence to florists having the most critical trade. No one can offer better stock, ALTHOUGH THEIR PRICES MAY BE HIGHER. At the prices quoted we give liberal size packets, according to the quality of the seed.

- LIVINGSTON'S FANCY MIXTURE**—Seed saved from largest flowers of most perfect form, richest colors and first-class in all points. Universally admired and sure to please all lovers of choice, large and fancy Pansies. 3 packets for 60c ..... 25
- Empress Pansies**—We have secured, direct from the originator, a noted Pansy specialist of England, a few packets of this extraordinary fine "make-up" which has carried off more prizes than any other shown at the many critical exhibitions in that country. 25
- Giant Trimardeau**—Flowers of enormous size. An altogether distinct and beautiful new race, the flowers of which are larger than any hitherto produced. Each flower is marked with three large blotches or spots, and the plants are of compact growth and produce an endless variety of beautiful shades. *Mixed* ..... 10
- Giant Yellow**—One of the finest and showiest. A beautiful clear yellow, heavily blotched on the three lower petals. .... 10
- Giant Trimardeau White**—Flowers very beautiful, white, with a violet eye. .... 10
- Giant Striped**—Flowers of enormous size, beautifully striped. .... 10
- Striped and Mottled**—Large flowers; splendid. .... 10
- Giant Cassier's**—A French strain and the largest flowered and heaviest blotched of this class. Seed saved from very large and beautifully blotched perfect flowers. *Rich and showy* ..... 10
- Parisian**—Large Stained—*New*. A fancy strain of Trimardeau. .... 15
- Giant Black-Blue**—Large and very dark. .... 10
- Giant Azure Blue**—Superb. .... 10
- Giant Beaconsfield**—Combination of purple and lavender. .... 10
- Meteor**—*New*. Bright brown. .... 10

- Bugnot's Giant Blotched**—The finest of all Pansies. Flowers are of enormous size, nearly circular in form, and in a great variety of the handsomest and rarest colors, including some shades not found in any other variety. Each petal has a distinct, deeply colored, broad blotch, branching in narrow veins to the edge. 3 packets for 60c ..... 25
- Red Victoria**—*New*. Red, fine and very effective color; the large blooms are of good substance and form. .... 10
- Peacock**—*New*. Bright colored and curiously marked, large and beautiful Pansy from England. The flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling in shade the Peacock feather, while the lateral and lower petals are of a deep claret, with white margins. .... 10
- Odiar, or Five-Blotched**—A beautiful strain of various colored, large, handsome, perfectly formed flowers, dark spots on each petal. .... 10
- Emperor William**—Large, handsome flowers, brilliant ultramarine blue, with purple violet eye; borne in great profusion. .... 5
- Black Blue**—Very rich and constant. .... 5
- Fire King**—Golden yellow, upper petal purple; very showy. .... 5
- Lord Beaconsfield**—A highly attractive variety; deep violet, shading to heliotrope, and white on the upper petals. .... 5
- Quadricolor, or Pheasant's Eye**—One of the prettiest and most peculiar; the flowers are of a reddish steel blue, red and white edge. .... 5
- Belgian Striped**—Lovely class; beautiful flowers of various shades. .... 5
- English "Face" Pansy**—Flowers light and dark blue in color, each marked with a distinct "face" ..... 10
- Azure Blue**—Extra fine ..... 10
- Light Blue**—Lovely; nearly sky blue ..... 5
- Yellow (black center)**—Splendid ..... 5
- Yellow Gem**—Without eye; very fine. .... 5
- Dark Purple**—Rich deep purple; fine. .... 5
- Mahogany Colored**—A very fine variety ..... 5
- Snow Queen (Snowflake)**—Delicate satiny white; very pretty. .... 5
- King of the Blacks (Faust)**—Almost black; darkest known. .... 5
- Silver-Edged**—Dark purple, with a distinct white edging; a most charming Pansy ..... 5
- Gold Margined**—Splendid ..... 5
- Pure White (black center)**—Showy ..... 5
- Violet**—*Margined with white*; extra fine. .... 5
- Havana-Brown**—New shades. .... 10
- German Imperial, Mixed** ..... 10
- English Pansy, Finest Mixed** ..... 10
- French Pansy**—Large flowering, in choice mixture ..... 10
- Non Plus Ultra**—Very choice mixture of finest varieties. The finest mixture ever sent out by a noted German Pansy specialist. .... 10
- International Mixture**—A favorite mixture ..... 10
- Mammoth Butterfly Mixture**—Fine. 2 packets, 25c ..... 15
- Large Flowering**—Many separate colors and choice kinds. *Very fine mixed*. 1/2 oz., 75c; 3 pkts., 25c ..... 10
- Good Quality, Mixed**—Oz., \$2.00; 1/2 oz., 40c; 4 pkts., 15c. .... 5

**Special Pansy Offers.** We offer buyers Choice of one or more kinds of above—Five 5c. pkts., 20c; three 10c. pkts., 25c; seven 10c. pkts., 50c; three 25c. pkts., 60c. Fifteen Packets of the brightest and best Pansies, our selection of varieties, will be mailed for ONLY \$1.00.

## PRIMULA (Chinese Primrose).

Charming, profuse blooming plants for winter and spring decoration in house. Sow seed in March, cover lightly and keep moist. Transplant as the second leaves appear, and continue shifting as they grow.

- FIMBRIATA LARGE FLOWERING FRINGED SORTS.**
- Pure White**—25c. Fern Leaved, Choicest Mixed—Carmine and white ..... 25
- Large Flowering Fringed**—A superb mixture that gives the greatest satisfaction ..... 25
- Large Flowering (Unringed)**—Finest mixed, for general purpose will give good satisfaction. .... 15
- Double Fringed Large Flowering**—Mixed; splendid. .... 50
- Obconica**—A lovely and profuse blooming Primrose, bearing on long stems heads containing 10 to 15 beautiful flowers. White, shaded occasionally with a tinge of lilac; an ever-blooming plant producing elegant clusters of flowers having the true primrose fragrance. .... 10
- Floribunda**—One of the prettiest and best blooming of all Primroses; readily raised from seed; one of the Obconica type, differing in color of the flower, which is a lovely shade of primrose yellow. Very fragrant free blooming; thrives under window cultivation. .... 15
- Japonica (Japanese Primrose)**—One of the most beautiful. Bright, showy flowers, borne on stems 6 to 9 inches high. Seed is usually slow to germinate. Mixed colors ..... 10



PRIMULA.



# PHLOX DRUMMONDII.

The Phlox Drummondii, for splendid mass of colors and a constant display, is not excelled by any other annual or perennial. It has every desirable quality for this purpose. The colors range from the purest white to the deepest blood purple or crimson. Seed may be sown in the open ground in May, or in hot-bed or cold frame earlier, and in either case, from June, during the summer and autumn, they make a most brilliant bed of showy, yet delicate flowers, blooming continually until frost. A good ribbon bed of the Phlox is a most dazzling sight, and there is nothing so cheap. In a good, rich soil it will grow 18 inches high. Set the plants one foot apart; easily transplanted.

Phlox, Many Choice Varieties, Mixed..... Oz., 50c.; 1/2 oz., 30c. 5

## LARGE FLOWERING PHLOX (Grandiflora.)

A decided improvement on the Drummondii. The flowers are perfectly round and almost double the size, and the colors are most brilliant.

- |  |     |                               |   |
|--|-----|-------------------------------|---|
| Intense Scarlet.....   | 5c. | Scarlet Striped—A beauty..... | 5 |
| Black Brown—Darkest of all.....  | 5c. | Carmine—White eye.....        | 5 |
| Large Yellow—Of fine form and color.....   | 5   |                               |   |
| Crimson—Very bright; one of the most effective for masses.....   | 10  |                               |   |
| Rosea—Pink, with white eye.....  | 5   |                               |   |
| Pure White—Beautiful; fine for cutting; extra large.....   | 5   |                               |   |
| Stellata Splendens—Vivid crimson, with a pure white star-center, contrasting beautifully with the crimson..... | 5   |                               |   |

LARGE FLOWERING—OUR SPECIAL MIXTURE—In richest varieties of colors..... Oz., 75c.; 1/2 oz., 40c. 5

## STAR-SHAPED PHLOX—Star of Quedlinburg, (Fringed Phlox)—

The flowers have a regular star-like form; the plant is of dwarf compact habit and bears large umbels of flowers. As easily grown as the common Phlox and flower just as profusely during the entire summer. Extra Fine Mixed Seed, comprising many varieties of this odd and beautiful strain..... 5

Phlox Drummondii "Graf Gero"—This new strain forms compact plants, well adapted for pot culture; an excellent market plant. Finest mixed colors..... 10

## DOUBLE PHLOX.

Of late years several semi-double flowering Phloxes have been introduced, the value of which as cut flowers will have been recognized by those who have tried them.

Note.—In order to produce the best double flowers they should be grown in a light, sandy soil.

- |   |      |
|---|------|
| Double Yellow—A very pretty light yellow.....   | 10   |
| Double White—Produces charming double white flowers, 60 to 70 per cent. being double..... | 10   |
| Double Crimson.....   | 15c. |
| Mixed Double.....   | 10   |

## HARDY PHLOX (Perennial.)

They are perfectly hardy and need no protection; will flourish in any soil; succeeding better, however, in deep, rich, moist ground.

Best Mixed—Saved from the newest sorts..... 10



## DWARF OR NANA COMPACTA PHLOX.

- This new strain is of a dwarf, compact habit, and makes desirable pot plants; also for ribbon lines and massing; ten inches high.
- |  |      |
|--|------|
| Extra Fine Mixed.....                  | 10   |
| Snowball—Excellent.....                | 10c. |
| Fireball—Extra fine.....               | 10   |
| Triumph—Beautiful shining scarlet..... | 10   |
| Delicata—Blush; charming.....          | 10   |

# POPPIES.

showy and ornamental plants with large flowers of brilliant colors. Very attractive in large beds, clumps, and mixed borders. They are of easy culture, and will succeed in any garden soil, flowering in great profusion all summer if sown early in the spring. The seed should be sown where it is to remain, as they do not bear transplanting. 2 feet. Hardy annual.

TULIP POPPIES—The large and splendid flowers are of the most dazzling scarlet imaginable. The two outer petals resemble a saucer in which are set two erect petals of the same color. The color is of such richness as to fairly dazzle the eye..... 5

AIRY BLUSH—Immense globular flowers, perfectly double, and measure 4 to 5 inches across; elegantly fringed, and pure white with rose tipped petals..... 5

Carnation-Flowered—Double—For dazzling richness and variety of colors, the flowers are unequalled..... Oz., 25c. 5

Paeony-Flowered—Large, showy double flowers. Mixed—Oz., 20c. 5

CELAND POPPIES—The fragrant elegant flowers are produced in succession from early in June to October. The flowers will last a week if cut as soon as open. Rose, white, scarlet and gold in Fine Mixture.....5c. Bright Yellow..... 5



THE SHIRLEY POPPY.

SHIRLEY—A new strain of marvelous beauty. The colors range through shades of delicate rose, pink, carmine and brilliant crimson. Many of the flowers are edged with white and the petals have a glossy, silk-like texture..... 5

Snowdrift—Pure snow-white, extremely double flowers of perfect form; large size..... 5

Oriental—Large, gorgeous blossoms, of darkest red; beautiful; one of the showiest of hardy Perennial Poppies; specimen flowers have been grown to measure nine inches..... 5

Mephisto—Extra large flowers with deeply fringed edges, pretty rose and scarlet colored single flowers. Mixed..... 5

Japanese Pompon—Flowers are small, but very double and very numerous; many lovely shades mixed..... 5

Peacock—Vivid scarlet, cherry-red at base, with jet-black zone..... 5

Ranunculus-Flowered—Small Double French—A very rich mixture..... 5

Mikado—Very distinct in color and character. Large, double, pure white flowers, with elegant curled petals, edged with scarlet..... 5

American Flag—One of the prettiest; a pure white ground, margin orange scarlet..... 5

Golden Gate—A fine mixture of singles, doubles and semi-doubles, with no end to the colors..... 5

Livingston's Mixture—This mixture is composed of many excellent sorts and colors; will surely please..... Oz., 40c.; 1/2 oz., 25c. 5

ANY SEVEN 5-CENT PACKETS OF POPPIES FOR ONLY 25 CENTS.

# PORTULACA.

"Rose Moss"—Should be in every garden. There is scarcely any flower in cultivation that makes such a dazzling display

of beauty as a bed of many-hued, highly colored Portulacas. They are in bloom from about the first of July until killed by frost. Plant in open ground after it has become warm. They delight in light, sandy soil, and a dry situation. After they appear withhold water, and if the bed has a full exposure to the sun, the ground will be covered with the plants, and the effect will be beautiful. Tender

- annual; 9 inches high. The blossoms of the Double Varieties are about 1 1/2 inches across, perfectly double and of many colors. Not all of the plants will be double, but the single ones can be pulled out. The flowers of the double sorts remain open all day. They will stand any amount of dry weather.
- |   |
|---|
| Finest Single Mixed—Many beautiful sorts—Oz., 40c.; 1/2 oz., 25c. 5                           |
| Double White..... 15c. Double Rose..... 15  |
| Double Yellow..... 15c. Double Scarlet..... 15  |
| Double Rose-Flowered—As double as the most perfect rose; finest quality. Mixed colors..... 10 |

# PETUNIAS

open ground. Be careful not to cover

are unsurpassed, if indeed equalled. For massing in beds. Their richness of color, duration of bloom and easy culture will always render them welcome and popular. They will do well sown in open border in spring, or earlier in a cold frame or hot-bed, and transplanted eighteen inches apart. By the latter process they will come into bloom much earlier, though they will do perfectly well sown in the small seeds too deeply; they like a sandy loam. Hardy annual.

## NEW STRAIN OF

# PETUNIAS



CALIFORNIA GIANT PETUNIA FLOWER.

### VARIETIES SUITABLE FOR BEDDING.

- Alba—Pure white, very fine, suitable for cemetery ..... 5
- Dwarf Inimitable—Forms a compact little plant, 5 to 8 inches high, covered with beautiful cherry-red flowers with white center, suitable for edging or massing..... 10
- Giant Striped—A beautiful strain..... 10
- Brilliant—Rosy carmine, and a compact grower..... 10
- General Dodds—New—Dark rich velvety red; handsome.. 10
- Countess of Elsemere—Deep rose, with white throat .. 5
- Blotched and Striped—Flowers with star-shaped blotches, of fine form, very effective..... 10
- Extra Fine Hybrida—A superb strain and very rich mixture. 5
- Fine Mixture—Pink, white, crimson, etc..... 5

### LARGE FLOWERING—FANCY HYBRIDS.

- Single Fringed Large Flowering—Extra fine mixed.... 20
- Double Fringed Large Flowering—Very choice fringed. 25
- Double Large Flowering—All Sorts—A superb mixture. 25
- Single Large Flowering—In choice mixture ..... 15

### GIANTS OF CALIFORNIA PETUNIAS.

The flowers are exquisitely fringed and fringed, and are of enormous size, often five inches across, but their great merits lie in the innumerable varieties of colors, with markings, veinings, blotchings and stripings; some of the colors are rich and gorgeous, and others of lovely, delicate shades.

- Choicest Mixed Varieties ..... 20
- GIANT—(Snowstorm)—Extra large flowers, 4 to 5 inches in diameter, of splendid substance; purest glistening white, with ruffled or fringed edges, deep yellow throat..... 25
- GIANT—(Aurora)—Lovely shade of rosy pink, with a distinct red band around the deep, exquisitely penciled white throat; flowers of immense size and perfect shape..... 25
- GIANT—(Midnight)—Dark claret crimson, with a surface bloom like that of a purple plum. In the sunlight it looks like crumpled velvet. The flowers are of immense size, with fringed edges and deep intricately veined throats..... 25

**RODANTHE.** This well-known annual is one of the best everlasting flowers, valuable for winter bouquets, but especially desirable as an ornamental bedding plant in summer and for pot culture in winter. They remain in bloom a long time. For winter bouquets the flowers should be cut before fully expanded, and, if dried in the shade, will retain their brilliancy for years. The leaves are heart-shaped and lustrous, and the calyx long, scaly and shining. Seeds should be started and the plants transplanted to a warm situation one foot apart. Colors, white, pink and crimson; 1 foot high. Many Colors Mixed..... 5

**ROSES.** (Dwarf Polyantha, or Japanese Hybrid.—Roses.)

**Midget, or "Fairy" Roses**—These beautiful little roses are very double (seldom single), borne in many-flower clusters and contain all the tints of cultivated roses. They grow only ten inches high and commence blooming in a few weeks after the seed is sown. They make a fine show the first season but are not at their best until the second year. They continue to bloom year after year in profusion from May until frost. Sow in a cold frame in February and plant out during April..... 15

**ROCKET—(Hesperis.)** The Sweet Rocket produces large clusters of flowers which are very fragrant. Seeds rapidly germinate in the open ground with very little care. Hardy perennial; 1½ feet high. Mixed—Purple and white ..... 5

**RICINUS—(Castor Oil Bean.)** Stately, strong-growing plants, with very ornamental foliage, particularly adapted as center plants of groups of Cannas, Japanese Maize, Caladiums, Dahlias, etc. Annuals. Of very quick growth in rich soil.

**Zanzibarensis**—A new and distinct class which surpass in size and beauty all the varieties hitherto known. The plants attain great dimensions, presenting a splendid aspect with their gigantic leaves. We grew them last season with leaves from 3 to 4 feet across. The different varieties included in our mixture of four sorts have light and dark green leaves and some of coppery bronze changing to dark green, with reddish ribs. The seeds are large, distinct in color and beautifully marked. Oz., 25c., ½ oz., 15c. Coarulescens—Bluish green; very fine  
Cambogensis—New—Large palm-like leaves of a bronzy-red maroon; stalks and stems nearly black. Six to eight feet..... 5  
Borboniensis Arboreus—Showy foliage; 15 feet..... 5  
Giganteus—Leaves immense, richly veined and marbled; 10 feet..... 5  
Mixed—Many of the best sorts..... Oz., 20c. 5

**SALPIGLOSSIS.** Velvet Flower or Pointed Tube Tongue—Showy bedding or border plants, with richly-colored, erect, funnel-shaped flowers. The colors beautifully marbled and penciled purple, scarlet, crimson, yellow, blue and black; plant in warm, rich soil; very fine annual.  
**Grandiflora**—New large-flowering; extra fine. Mixed..... 5

### \*\*\* SAPONARIA—(Bouncing Bet.) \*\*\*

Beautiful, compact-growing plants with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; annual. Mixed—All colors; six inches..... 5

### STOCKS, German Ten Weeks (Gillyflower.)

Stocks have for many years been a general favorite, but of late years the Germans have grown them in such perfection that they are considered almost indispensable where a fine display is wanted. In brilliancy of color and general effect they are unsurpassed. Equally fine for bedding, borders, massing or for pot culture. The Ten Weeks Stocks will bloom about 10 or 12 weeks after being sown. For early flowering sow in the house in February or March, and plant in open ground in May. A little shade from the hottest sun, and water in the evening, will add much to the size, beauty and durability of flowers. We import our seed direct from one of the best German growers.



- Large-Flowering Dwarf Ten Weeks—Pure white..... 10
- Largest-Flowering Dwarf—Magnificent spikes of very large double flowers; all colors. Mixed..... 5
- Dwarf German Ten Weeks—Large flowering; fine mixed..... 5
- Large-Flowering Pyramidal Dwarf—Pyramidal habit; long spikes of large double flowers; many choice colors mixed..... 10
- Snowflake—Dwarf Forcing Ten Weeks—A beautiful variety of Dwarf Wallflower leaved Large-flowering stocks. One of the earliest of all Ten Weeks stocks, and admirably adapted for forcing; the snow-white flowers are uncommonly large and very double..... 10
- Blood Red—Very fine new sort..... 10
- Princess Alice—Cut and Come Again—A fine, perpetual blooming stock. If sown early it blooms from June until frost, and the flowers are perfect during Sept. and Oct. It throws out numerous side branches bearing clusters of very double pure white fragrant flowers, and is excellent for cutting; two feet high..... 10
- Emperor, or Brompton—These make very bushy and branching plants, with an abundance of large flowers. Sow in July or Aug. Will last several years when protected. Mixed colors; 2 feet.... 10

# SWEET PEAS. LIVINGSTON'S SUPERB COLLECTION

INCLUDING BEST UP-TO-DATE KINDS.

In rearranging our Sweet Pea list this season, after making thorough tests on our extensive trial grounds and consulting the opinions of well-known Sweet Pea Specialists, we have discarded some older varieties, inserting such of the new sorts and recent introductions as are worthy of our commendation, retaining only the best for general cultivation. The following varieties, selected with a view to please the most critical, and grouped for the convenience of customers according to their various shades and colors, we think are **The Cream of the List.**

**HOW TO GROW.**—Plant early in rows North and South—April 1st is none too soon, if the ground will work. Make a trench 12 inches deep and 15 inches wide. Work into the soil in bottom of trench plenty of well rotted manure, fill in 8 inches of trench with fine soil and sow peas, covering 1 inch deep; (if about April 1st) in two rows 10 inches apart and seeds 2 inches apart in the rows; if planted later, cover deeper. When well up fill in with earth gradually as they grow until the trenches are full. The object is to get the roots well down so that they may resist drought. **Give plenty of water,** pick the blooms without stint, and **do not let run to seed.** Use brush or trellis 5 to 6 feet high.

## PURE WHITE.

**Blanche Burpee**—A grand pure white of superior substance, with giant flowers of fine form, usually three on a stem, often four-flowered.

**Emily Henderson**—A deservedly popular *Early White* of excellent substance and purity; bears two or three (sometimes four) medium to large flowers on *long stiff stems.*

**Mrs. Sankey**—A fine black-seeded White of superior form and remarkable substance.

## DEEP MAROON.

**Stanley**—Darkest of all Sweet Peas; rich dark maroon, immense size, flowers quite early.

## PRIMROSE YELLOW.

**Mrs. Eckford**—Medium early; flowers a charming delicate primrose tint, very effective when bunched; of fine form and size.

**Primrose**—A pale primrose; profuse bloomer.

## SHADES OF PINK.

**Katherine Tracy**—A perfect expanded large sized flower of good substance; a favorite shade of carmine pink.

**Blushing Beauty**—Medium early; rich deep blush pink; large hooded form; very fine. (*Royal Robe.*)

**Eliza Eckford**—Distinct and beautiful; pink shaded and flaked; large and fine.

**Mrs. Gladstone**—Early to medium early; soft flesh pink; of good size; one of the best of its type.

**Lovely**—A most pleasing shade of pink; wings delicate rose, charming color; a large grand flower; will be greatly admired.

## SHADES OF ROSE.

**Lady Penzance**—A beautiful tint of delicate rose; medium early; abundant bloomer; long stems.

**Her Majesty**—A grand, clear rosy pink; large bold flowers.

**Ovid**—A deep, rich rose color.

**Oddity**—A large flower of peculiar curled habit; pale carmine, with bright rose edge; a great bloomer.

## SHADES OF SCARLET.

**Firefly**—Intense crimson scarlet; large flowers; one of the best.

**Brilliant**—A new brilliant scarlet flower of excellent substance.

**Mars**—A most intense crimson red; flowers of large size and most perfect form; a strong grower, and *medium early.*

## SHADES OF MAUVE OR LAVENDER.

**Celestial**—A fine lavender; free flowering sort.

**Emily Eckford**—Quite early, of distinct purplish blue; good bloomer; extra long stems.

**Dorothy Tennant**—Large rosy mauve; one of the longest to continue in bloom.

**Golden Gate**—Of very peculiar form; pink lavender mauve blended.

## SHADE OF BLUE.

**Captain of the Blues**—(Grand Blue); a true blue in general effect; three or four large flowers on good stems; a free and early bloomer.

## SHADES OF CLARET.

**Captivation**—Large shell-shaped flowers; standard purplish claret; wings purplish lake

**Duke or Clarence**—Deep rose claret; first-class in size and substance; an abundant bloomer.

**Waverly**—Rosy claret; blue wings

**Monarch**—Large bronzy maroon and dark blue.

## THE BEST RED OR ROSE STANDARDS AND WHITE WINGS.

**Extra Early Blanche Ferry**—The earliest of all Sweet Peas. The same as Blanche Ferry, but flowers ten days earlier; the wings are white, standard deep rose pink.

**Blanche Ferry**—The popular pink and white; stems three-flowered, of good length; a vigorous and profuse bloomer; very early.

## DISTINCT BLENDINGS.

**Crown Jewel**—Primrose ground, veined with violet rose.

**Venus**—A lovely salmon buff, shaded rosy pink.

**Apple Blossom**—Bright rose and pink; a fine, large, beautiful flower.

**Lottie Eckford**—White ground lightly suffused with heliotrope, edges of standard and wings clear deep blue; flowers large and fine.

**Butterfly**—White, edged and shaded with blue; a very acceptable variety.

## VARIATED SORTS.

**Mrs. Jos. Chamberlain**—A very large flower of extra fine form, bright rose, heavily striped on white ground.

**Ramona**—A fine grandiflora, creamy white, splashed and flaked with soft pink.

**Senator**—Fine, large, dark striped flower, bright brown and chocolate shaded, striped on white.

**Gray Friar**—Large blossoms of excellent form, beautiful watered purple on white ground, giving a gray effect; makes odd and attractive bouquets; a free bloomer.

**Daybreak**—Watered crimson scarlet on a white ground; a free bloomer; vigorous, upright grower; good stems; medium early.

**America**—The brightest blood-red striped on a white ground.

**Aurora**—A giant flower of rich salmon pink on a white ground; a very effective new variety.

## THE FREAK SWEET PEA.

**Red Riding Hood**—A remarkable departure in form. The standard is drawn down into a snug hood; a bright rose color, and fragrant; a free bloomer.

**PRICE.** (*Postpaid*), any variety above—Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c. Any 6 packets, 20c. Any 13 packets, 40c.

## NEW DOUBLE SWEET PEAS.

Not thoroughly established, as only about 30 per cent. of the flowers came double. Worthy of a trial, but we make this explanation that patrons may not be misled. **MIXED**—Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

## SPECIAL MIXTURES.

**LIVINGSTON'S MIXTURE**—A make up from finest new large flowering sorts. No mixture surpasses it. Large packet, 10c.; oz., 15c.; ¼ lb., 30c.; lb., \$1.00.

**ECKFORD'S "GILT EDGE" MIXTURE**—Of undoubted superiority. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

**FINE MIXED**—All sorts and colors. None better for the money. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 50c.

**HARDY SWEET PEAS.** Perennial or Everlasting. (*Lathyrus Latifolius*)—Perennial climbers suitable for trellises, arbors, etc. They die down every year and start again in the spring; hardy perennial; 5 to 6 feet.

**WHITE**—Packet, 5c. **MIXED**—Packet, 5c.

**Splendens—Pride of California**—Brilliant rosy red. Pkt. 10 cents.



## THE "BON TON" 6

THE BEST AND BIGGEST FLOWERED

RED, GRAY, PINK, WHITE, LAVENDER, VARIATED.

The "Bon Ton" 6 pkts. for 20c. A Mixed Packet of the 6 for 10c.; oz. mixed, 25c.

"HOW TO GROW SWEET PEAS" SENT FREE, ON REQUEST, TO SWEET PEAS CUSTOMERS. TO OTHERS, 10 CENTS.



**VINCA**—(*Periwinkle*.) Free-flowering greenhouse perennials with glossy green foliage and beautiful circular flowers; sown early under glass and transplanted in a warm situation will bloom all summer; may be potted for the house before frost. 1 1/4 feet.

**Rosa**—*Rose*—Dark eye. .10c. **Rosa**—*Alba*—*White*—Crimson eye. 5  
**Alba**—*Pure White*..... 5c. **Mixed Varieties**..... 5

**VALERIANA** (*Hardy Heliotrope*).

Shy border plants, or for mixing with shrubbery; grows in any garden soil; does well in the shade; produces large crops of flowers. Hardy perennial that blooms first season from seed. Fine for bouquets. Two feet.

**Mixed**—Bright rose, red and white flowers..... 5

**WHITLAVIA.** The Whitlavia is a good plant for baskets, vases or pots. A pretty plant with delicate, handsome foliage, producing a constant succession of bright blue, pure white and violet large, bell-shaped flowers in drooping clusters. Sow seed in open border early in spring. Hardy annual, one foot high. Fine, Mixed..... 5

**WALL FLOWER.** Well-known, deliciously fragrant garden plant, blooming early in the spring, with large, conspicuous spikes of beautiful flowers; they should be protected in a cold frame in winter, and planted out in May. Much prized for bouquets. Half-hardy perennials.

**Single Large Flowering Mixed**—All colors..... 5

**Finest Double Large Flowering Mixed**—All colors..... 10

**XERANTHEMUM**—(*Everlasting Flowers*.)

Very desirable for winter decoration; of neat, compact habit, free flowering and of the easiest cultivation. The leaves are covered with silvery down, and the flowers are pure white, deep purple and yellow; an easy grown hardy annual. Two feet.

**Double Mixed**—All colors..... 5

**YUCCA.** Erect and noble plants, having long, narrow, sharp-pointed leaves, with a peculiar tropical aspect. Is a hardy perennial and grows in any soil.

**Filamentosa**—Is the hardest, and will endure the winter in most parts of the country. Sends up a strong flower stem in the middle of summer, bearing a large spike of creamy-white, very large, bell-shaped flowers..... 10

**ZINNIAS.** One of the most brilliant annuals; a general favorite, its splendid double flowers rivaling in beauty, size and form, moderate sized Dahlias.

**Zebra**—A very pretty strain; striped flowers. As the colors vary on each plant they present a curious as well as beautiful appearance. 5

**Curled and Crested**—A new and beautiful strain of this popular plant, with large double flowers of perfect form, the petals being twisted, curled and crested into the most fantastic and graceful forms. A magnificent variety of colors and lovely shades. 10

**Double Large Flowering**—Mixture of many colors; fine strain; cone-shaped..... 5

**Double Snowball**—Double, pure white, dwarf and compact..... 5

**Dwarf Fireball**—Double, fiery scarlet..... 5

**Golden Yellow**—Flowers large, perfect in shape, clear golden yellow..... 5

**Giant Flowering**—Grows a handsome bush 3 feet in height, and the mammoth, perfectly formed double flowers measure 5 to 6 inches across and are of intense and brilliant colors; mixed..... 5

**Double Mexican**—(*Haagenna*)—Of decided merit; close and vigorous in habit, nearly covered with pretty golden yellow double flowers. Keeps its color when dried as winter flowers..... 5

**Double Liliput**—Bush covered with flowers of fine form, smaller than the ordinary Zinnia; flowers borne on long, stiff stems; valuable for bouquets..... 5

**Double Dwarf Mixed**—Compact bushes, not over 12 inches high..... 5

**Double Pompon**—Charming, long, very double flowers; excellent for florists' use. Finest mixed..... 5



ZINNIAS.

Mixed  
Grasses.



BASKET OF ORNAMENTAL GRASSES.

**ORNAMENTAL GRASSES.**

Very beautiful and extensively used in the arrangement of winter bouquets and in other house decorations. Should be cut while fresh and green, and hung in a dry and airy place in the shade. All best varieties mixed, including Pampas, Feather, etc.

LARGE PACKET, 10c.; 3 for 25c.

**\* WILD FLOWER GARDEN. \***

Each packet contains a great variety of pretty flowers of easy growth. The mixture will be found to be both interesting and useful. Interesting because new flowers open daily, "and you know not what a day may bring forth." It will be found very useful, for here you may get your bouquets without fear or favor, whenever you choose, and thereby save those in beds or borders; also especially adapted for producing a display on large borders, or sowing along woodland walks, for hiding an unsightly fence or stump, etc., and will convert any dreary spot into a wilderness of bloom and fragrance. Large packet, 10c.; ounce, 25c.; 1/4 lb., 75c.; lb., \$2.50.

**SPECIAL MIXTURES of Flower Seeds.**

Much pleasure is derived from watching the growth of a mixed bed of flowers. The mixtures are made from choice fresh seeds and cannot fail to give satisfaction. The packages are liberal in size, and in no other way can so many seeds be obtained for so little money.

- Fragrant Annuals**—A mixture made from seeds of fragrant flowers, giving rich perfume throughout the day and evening; some are suitable for cutting..... 10
  - Mixed Everlastings**—A great variety of attractive Everlastings..... 10
  - Flowers for Bouquets**—This mixture contains seeds producing flowers suitable for cutting for vases and bouquets, nearly all having long stems, and will furnish a constant supply of cut flowers throughout the entire season..... 10
  - Mixture of Climbers**—A packet of seeds containing over 20 beautiful annual climbers, useful for covering outhouses, trellises, etc..... 10
- 3 MIXTURE PACKETS FOR 25 CENTS.

**LIVINGSTON'S**

**50c. BARGAIN COLLECTION OF FLOWER SEEDS 50c.**

**A GREAT OFFER.** Consists of one full-sized packet each of the following most effective annuals, sent free by mail on receipt of 50c.; at regular prices would cost \$1.25. Varieties and mixtures are choice, including best colors and many new and rare kinds; a continuous succession of flowers from early summer until frost.

**Asters**—*Double Perfection, Mixed.* The most perfect type; flowers very large, rich and brilliant, very double, two feet high.  
**Balsams**—*Double Camellia Flowered, Mixed.* A splendid mixture of best known varieties.  
**Candytuft**—*New Empress.* A magnificent variety with enormous heads of pure white flowers.  
**Dianthus**—*Mixed Colors*—Of beautiful double flowers; many shades and markings.  
**Godetia**—*A Fine Mixture of sorts and colors.*  
**Larkspur**—*Tall Flowered Branching;* long spikes of double brightest and best colored flowers.

**Marigold**—*Legion of Honor*—Single flower of beautiful rich golden yellow, marked with large velvety-brown blotches.  
**Mignonette**—*Golden Matchett.* Golden yellow flowers, deliciously fragrant.  
**Nasturtium**—*Climbing.* Beautiful and luxuriant climber and of easy culture. 8 to 10 feet.  
**Pansy**—*Large Flowering.* A very fine mixture of many choice kinds.  
**Poppies**—*Livingston's Mixture.* Composed of many kinds and colors.

**Petunia**—*Blotched and Striped,* mixed with other superb kinds.  
**Phlox Drummondii**—*Large Flowering.* A rich and brilliant variety of colors not excelled by any other annual for massing colors or constant display.  
**Sweet Peas**—*Eckford's Gilt-Edged Mixture.* Very superior and popular.  
**Verbena**—*Hybrida Choicest Mixed.* Showy, distinct and beautiful.  
**Zinnia**—*Double Large Flowering.* A mixture of many colored fine cone-shaped flowers.

# Fifty Select Ever-Blooming Tea Roses.

In selecting the **Best Fifty Tea Roses** the selection includes many of the best newer kinds, as well as standard sorts, and nearly all are sold **at Only Ten Cents Each**. These Roses are as fine in every way as any of the famous stock we offer, and will begin to grow and bloom soon after planting, continuing their profusion of flowers until frost. Though hardy in the South, Tea Roses, as a rule, require protection during winter in our Middle and Northern States.

**Agrippina**—Rich dark velvety crimson; One of the most popular grown. 10c.

**Bon Silene**—Deep rose color, sometimes bright rosy-crimson, occasionally pale light rose. 10c.

**Bridesmaid**—A sport from the well-known Catherine Mermet, but so much better both in growth and color that we think it will in time supersede it. The Bridesmaid at all times produces buds and flowers of a much deeper shade of pink than its parent. 10c.

**Cornelia Cook**—Beautiful creamy white; buds of immense size and very double. 10c.

**Catherine Mermet**—Clear rosy-pink, with delicately shaded amber fawn center. Flowers large, full, globular; very double and sweet; one of the finest. 10c.

**Charles Rovolli**—Pure rose; very pleasing shade; buds beautiful, large and perfect when open. Free bloomer and grower. 10c.

**Christine De Nougé**—A color yet rare among Teas; deep, dark maroon-crimson, with full, bright center of crimson-lake. Very fragrant, of unusual size. 15c.

**Comtesse Riza du Parc**—Superb buds of bright bronze-rose, shaded with carmine and tawny yellow; fragrant; stems long. One of the hardiest. 10c.

**Coquette De Lyon**—Often called "*Yellow Hermosa*" because of its wonderfully free bloom. Full flowers of canary-yellow; delightfully fragrant. 10c.

**Champion of the World**—Through wide advertising this has become well known as a "*Champion for vigor, hardiness, free bloom, fragrance, form and color.*" Bright coral-pink, large and double. 15c.

**Duchess De Brabant**—Flowers large and fragrant; soft, bright rose, shaded with amber and salmon. 10c.

**Etoile De Lyon**—The flowers are light golden-yellow, delightfully sweet, of large size and fine form. The best yellow Rose for open air culture. 10c.

**Francisca Kruger**—Large, full flowers, coppery-yellow, shaded with peach; strikingly handsome. Hardy, vigorous, and free blooming. 10c.

**Fortune's Double Yellow**—Bronzed yellow or copper or fawn color. A splendid climber for the South. 10c.

**General de Tartas**—A first-class Rose for bedding; brilliant carmine deeply shaded with violet-purple; extra large, very double, full and fragrant. 10c.

**Golden Gate**—Rich creamy-white, tinged with golden-yellow and bordered with clear rose; flowers and buds extra large and double. 15c.

**H. M. Stanley**—Clear amber-rose with center of apricot-yellow; fragrant flowers of fine size. 10c.

**Lucullus**—Fine dark crimson; very double, constant bloomer. 10c.

**La Pactole**—Lemon-yellow. Beautiful and extremely free blooming. 10c.

**La Princess Vera**—Pale flesh, changing to salmon-rose, shaded with carmine; very sweet. 10c.

**Madame Joseph Schwartz**—A seedling of Duchess de Brabant. White, beautifully flushed with pink. The plant grows with great vigor and is extremely free with its flowers. 10c.

**Madame Welche**—Large, globular buds of soft amber-yellow, clouded orange and ruddy crimson. 10c.

**Isabella Sprunt**—A free-flowering favorite. Beautiful buds and flowers of bright canary-yellow. 10c.

**J. B. Varrone**—Rich and splendid in color, form, and size. Intensely vivid crimson-scarlet, illumined with copper and salmon; stiff stems, handsome foliage, habit strong and fine. 15c.

**Papa Gontier**—Immense, pointed, fragrant buds of rich cherry-red; always in bloom. 10c.

**Perle des Jardins**—Has no rival except *Marchal Niel*, and positively no weak point in habit, growth or flower; rich canary-yellow. 15c.

**Pernet's Triumph**—Large, long-stemmed buds and flowers of clear magenta-red. 15c.

**Maman's Cochet**—A grand new Tea Rose of easiest culture. Beautiful double pink buds closely resembling the popular *La France*. 10c.

**Mademoiselle Cecile Berthold**—Deep yellow, good form, double and sweet, with peculiar bronze foliage. A fine rose. 10c.

**Madame Pauline Labonté**—Salmon-rose, delicately tinged and shaded with fawn and amber; very free bloomer. 10c.

**Madame Camille**—Delicate salmon pink; reverse of petals veined white; full; very sweet. 10c.

**Madame Van Houtte**—Pale yellow, the edges of petals often lined with rose; well formed, fragrant; good habit. Very free blooming; a most charming sort in every respect. 10c.

**Meteor**—This is a most brilliantly beautiful rose, unsurpassed among Hybrid Teas for hardiness and freedom of bloom. The long-stemmed flowers are of medium size, double, and fragrant; color intense, glowing velvety-crimson. 15c.

**Madame Schwallier**—A grand Hybrid Tea, noted for its strong, free-blooming habit and the true June-Rose fragrance of its flowers. Borne in clusters; color bright rosy-flesh, beautifully shaded. 10c.

**Malmaison**—One of the choicest and best roses in cultivation for the garden. The flowers are very large, of full, broad, regal form and exquisite fragrance; color rich creamy-flesh, shaded fawn and rose. 15c.

**Queen's Scarlet**—Without doubt the very best of all red roses for bedding. It can be planted anywhere, being entirely hardy. Flowers of large size; a fiery scarlet color. 10c.

**Souvenir d'un Ami**—Fine, delicate rose, shaded with salmon; very large, full and double; exquisitely fragrant. A vigorous grower and free bloomer. 10c.

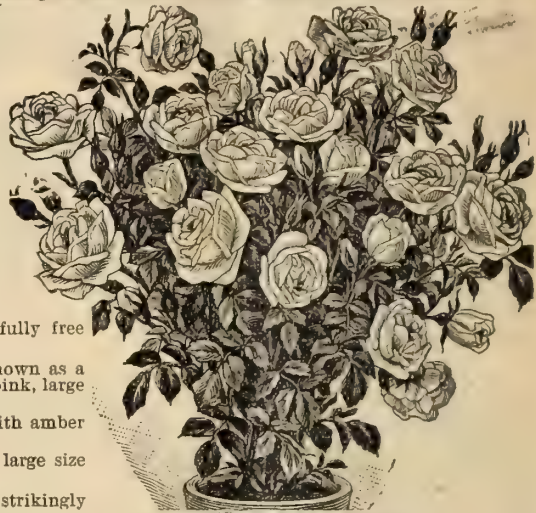
**Snowflake**—Neat and dwarf in habit and really wonderful in constant profusion of bloom. Exquisite, pure white flowers of medium size. 10c.

**The Bride**—Still the best of the large white roses for cut flowers and general culture. Perfect, globular, pointed buds of pure white. 10c.

**The Queen**—Noted for its continual profusion of large, perfect, pure white flowers. 10c.

**The Gem**—This is a grand, vigorous Tea. The superb creamy-white buds and flowers are richly shaded with soft yellow, while their fragrance is delightful. 10c.

**Waban**—A valuable new rose. A sport from the well known Catherine Mermet, but differing in color, being a bright carmine pink, deepening toward the center. 10c.



TEA ROSE, SNOWFLAKE.

**Marie Lambert**—(*White Hermosa*)—The flowers are medium size; color pure white. This rose will become more popular because of its blooming qualities. 10c.

**Madame Etienne**—(*Dwarf Catherine Mermet*)—Has all the beauty of the type, but is stronger and blooms better. Delicate pink, shaded with rose. 10c.

**Marchal Niel**—The finest of all Yellow Roses. Grand buds of golden-yellow, superbly formed, highly scented. Climbing habit. 15c.

**Marie Guillot**—The best White Tea for summer bloom. White, tinted with pale yellow. 10c.

**Mrs. De Graw**—Entirely hardy and unequalled for garden culture; fragrant, rich, glossy pink. 10c.

**Madame de Watteville**—(*The Tulip Rose*)—Grand flowers of fine substance and fruity fragrance. Salmon-white, bordered bright rose. 15c.

**New Tea Rose, Gen. Robert E. Lee**—Orange-yellow, at some times of the season light yellow, quite a unique color; produces its handsome buds quite freely. 15c.

**New Rose, Joseph Metral**—(*Bonnaire*)—A strong, healthy, grower. Flowers unusually large and of good form. Color red, passing to cerise, shaded with purple. Received two medals of merit. 15c.



TEA ROSE, METEOR.

# The Three New Rambler Roses.

YELLOW, PINK AND CRIMSON.

## YELLOW RAMBLER. (Aglaiia.)

The Only Hardy Yellow Climbing Rose.

This is a very important and valuable new Rose, being the first and only yellow climbing Rose with any degree of hardiness. It has withstood, unprotected and without injury, a continued temperature of from zero to two degrees below, and with slight protection in winter; it should do well anywhere that other roses succeed. The flowers are borne in immense trusses, frequently 120 to 150 in a cluster. They are a decided yellow, cup-shaped, very sweetly fragrant, and last a long time without fading. Price, 15c. each; two-year-old size, 40c.

## PINK RAMBLER. (Euphrosyne.)

The color of the flowers is pure shiny rose—the partly open buds being bright, light carmine, thus producing a strong and pleasing contrast. "The numerous yellow stamens lend an additional charm to the flower. In hardiness, freedom of bloom, form and color of flowers and vigorous climbing habit, this variety is fully the equal of Crimson Rambler." Price, 15c. each; two-year-old size, 40c.

## CRIMSON RAMBLER.

The plant is of very vigorous growth, making shoots from eight to ten feet during the season, rendering it a charming pillar rose. It is also magnificent in bush form, and for covering buildings, trellises, etc., it cannot be excelled. One of the striking characteristics of this rose is its remarkable color, which is of the brightest crimson, which remains undimmed to the end, showing none of the objectionable purplish tint so common in crimson roses. The flowers are produced in great pyramidal panicles or trusses, each carrying from 30 to 40 blooms. Price, 15c. each; two-year-old size, 40c.

**SPECIAL OFFER.**—The Three New Ramblers for 35c.; two-year size for \$1.25.

## THE GREAT

# "Soupert" Collection of Roses.

**THE BEAUTIFUL NEW PINK SOUPERT.** This bright new Rose is a very free flowering variety, much resembling Hermosa, but more double and flowering more freely. The flowers are not quite so large, full and handsome as our original Soupert, but fill a place because of their brightness and freedom. Each, 15c.; two-year plants, 35c.

**YELLOW SOUPERT OR MOSELLA.** Who does not know the beautiful Clothilde Soupert, the splendid bedding Rose? Mosella is a stronger grower, flowers are a little larger than the Clothilde Soupert, but appear the same way in clusters and on single stems; the color is chrome yellow in the center, getting creamy-white on the edges of the petals. Each, 15c.; two-year plants, 35c.

**WHITE SOUPERT OR LEONIE OSTERRIETH.** We have given this Rose an extended trial, and believe there is no better white Rose grown. The buds are of good size, the flower full and double, and deliciously fragrant, pure porcelain white, with deep center. Each, 15c.; two-year plants, 35c.

**CLOTHILDE SOUPERT.** The flowers are borne in sprays, and the color blends from a soft shell-pink to a pure satiny-white. Roses with both these colors are borne on the same plant at the same time. No other Rose approaches it in flowering qualities. Each, 10c.; large plants, 30c.

**SPECIAL OFFER.**—The Great Soupert Collection for 40 cts.; two-year plants for \$1.25.



WHITE SOUPERT.

## SETS AND COLLECTIONS.

### THE GEM ROSE COLLECTION.

20 ROSES. A LARGE BED OF EVER-BLOOMING ROSES \$1.00, Postpaid.

For \$1.00 we will send by mail, postpaid, to any post-office, the "Gem Collection," comprising Twenty Beautiful Ever-Blooming Roses, in twenty different varieties, each one labeled and carefully selected to suit your locality. If you want beautiful Rose Buds all summer, plant this set. If there is no room in the front yard, plant in the garden, which is a capital place to grow roses for flowers. In ordering say "The Gem Rose Collection."

### THE PRIZE CHRYSANTHEMUM SET.

20 PRIZE WINNERS FOR \$1.00, Postpaid.

This collection includes the most desirable varieties that brought prize at the different shows in November, and goes over the entire range of color, form and size. If you desire to be up to date in Chrysanthemums try this collection.

### THE CHAMPION GERANIUM SET.

20 BEAUTIFUL SELECTED GERANIUMS FOR \$1.00, Postpaid.

Remember this is not a set of Geraniums picked up from any surplus we may happen to have, but contains the choicest varieties—both double and single, in every shade of this useful flower—and you cannot fail to be pleased with it.

### OUR CHARMING FUSCHIA COLLECTION

20 ELEGANT DOUBLE AND SINGLE FUSCHIAS FOR \$1.00, Postpaid.

This charming set of house plants is well worthy a trial. Nothing will add so much to your window decorations as a fine variety of Single and Double Fuchsias. Give it a trial.

## OUR SUPERB COLLECTIONS BY MAIL, Only 50c. Postpaid.

The Collections are all fine, strong plants, of the best varieties, and are marvels of cheapness. We can only afford to sell them so cheap by growing these sorts in immense numbers. The choice of varieties must invariably be left to us. Every plant is plainly labeled, and there are no two varieties alike in the same collection. Owing to the extremely low price at which these collections are offered we cannot divide them; you must order a whole collection of one number.

### PLEASE ORDER BY NUMBER ONLY.

NOTE.—Sometimes when seeds and plants are ordered together, we send the seeds at once and the plants follow later.

#### Collection No.

- 1—12 Beautiful Ever-Blooming Roses, all colors; splendid varieties.
- 2—4 Charming Tea Roses, 4 Fine Hardy Roses and 2 Climbing Roses. This makes an elegant collection.
- 3—3 Lovely Tea Roses, 3 Fine Hardy Roses. 2 Different Climbing Hardy Roses, 2 Pretty Japan Fairy Roses.
- 4—5 Superb Hardy Roses and 5 Fine Hardy Climbing Roses. This will make a fine outdoor garden.
- 5—10 Lovely Pure White Roses. Fine cemetery plants. Tea and Ever-Blooming varieties.
- 6—10 Choice Double and Single Geraniums. Makes a very nice bed.
- 7—4 Double Geraniums, 4 Single and 2 Sweet-Scented Geraniums. A fine collection for a small garden.
- 8—3 Double Geraniums, 3 Single Geraniums, 3 Fragrant Geraniums and 1 Ivy Geranium.
- 9—2 Silver-Leaved Geraniums, 2 Double and 2 Single Geraniums, 2 Fragrant and 2 Ivy Geraniums.
- 10—10 Chrysanthemums of the new large flowering kinds; all different and all labeled correctly.

**NO ORDERS FROM THIS PAGE WILL BE ACCEPTED FOR LESS THAN TWENTY-FIVE CENTS.**

## .. Six Superb Carnations ..

PRICE, 10 cents each. The Set of Six for 50 cents.

**Bridesmaid**—A beautiful new sort with thick waxy petals: color, bright clear pink; very highly scented. Is an exceptionally free and vigorous grower, producing fine large flowers on long stiff stems.

**Fred Dorner**—A deep velvety-red, flower extra large, seldom less than three inches across.

**Goldfinch**—Yellow, edged pink. The color is a little lighter shade than Buttercup, and is of medium size.

**Lizzie McGowan**—It is a splendid grower, producing very large, pure white flowers that are beautifully fringed.

**Mrs. Harrison**—Pure white, with an occasional carmine streak. A splendid grower.

**Portia**—The most intense bright scarlet, with a vigorous constitution.

## Six Finest Geraniums.

PRICE, 10 cents each, or the set of Six for 50 cents.

**Heteranthe**—The finest Geranium of recent introduction. A splendid variety for bedding, the clear vermilion-red of its flowers showing well above compact, sturdy foliage. Its strong growth and fine habit makes it in every way desirable.

**Pink Beauty**—The foliage is very large and of light green color, with a band of dark green encircling each leaf. The flowers are borne on bold trusses of enormous size, almost spherical, and as many as sixty florets have been counted on a single truss. The color is the richest deep pink.

**Minister of Constans**—Flowers very large and full, bright orange, shaded with salmon; trusses stand well up above the foliage: it is also a fine pot variety, its distinct orange-salmon color always attracting attention.

**LaFavorite**—A fine double White Geranium, claimed to be an advance on White Swan. The florets are pure white and larger; trusses of medium size. It stands the sun well and is an excellent bedder.

**Fire Brand**—Color, dazzling flame-scarlet; fine, prominent truss; flowers large and of great substance; an excellent bedder and pot plant. For planting in masses, we have none to equal it. Another thing in its favor, it takes fewer plants, because of its sturdy, branching habit, to give effect.

**Montesquieu**—Very large and semi-double florets, exquisite pale mauve, with white eye. It bears a fine truss on a long, stiff foot-stalk.



Carnation,  
Lizzie McGowan.

## Six Finest and Best Chrysanthemums.

PRICE, 10 cents each. Full Set of Six for 50 cents.

**Cullingfordii**—Reflexed; exceedingly brilliant crimson, richly shaded with scarlet. Florets are of a beautiful, rich velvety texture. One of the very distinct and noted sorts.

**Golden Wedding**—This is undoubtedly the grandest golden-yellow variety ever introduced. Nothing can exceed the richness of its color; it is unrivaled in this respect. It is a remarkably vigorous grower, and has such strength of stem that it carries its great globular flowers erect, giving it a bold majestic appearance.

**Ivory**—Unexcelled for pot culture or cutting; pure white flowers of exquisite form and finish. Has been shown in grand shape at recent exhibitions; it is especially noticeable for its grand globular form, its dahlia-like petals and absolute purity of color.

**Maude Dean**—An immense pink variety; finely incurved; petals broad, shell-shaped. One of the largest flowers exhibited in the fall shows. Almost a pure shell-pink. Received silver medal at Philadelphia, and awarded certificates of merit at New York and Philadelphia.

**Mrs. Henry Robinson**—An early white, blooming with us October 5th. Fine substance and very lasting. Its early flowering qualities and its great size has made it one of the most popular varieties with the large growers of cut flowers.

**Mrs. Jerome Jones**—This is a fancy cut-flower variety which completely captivated us. It is almost of globular form, of the finest silky finish, and destined to become a standard sort for cutting. The outer petals are a delicate lavender, forming a decided band of color; the inner petals are clear lemon.

## Six Charming Fuchias.

PRICE, 10 cents each, or the Set of Six for 50 cents.

**Avalanche**—Beautiful golden foliage, a dark, double violet-purple corolla.

**Black Prince**—Large expanded corolla of reddish color; habit of growth extra fine; one of the most abundant blooming varieties that we have.

**Lustre**—Tube and sepals pure white; vivid crimson corolla; good habit and free blooming.

**Mad. Van der Strass**—Fine, large and elegant form; sepals long and reflexed; pure red, corolla large, double white. The finest market double white Fuschia.

**Tropee**—Double; buds quite round and beautiful deep red color. Open flower, dark purple and very beautiful. One of the very finest.

**Rosains Patri**—Nearly perfection as to free-growing and habit. Strong and bushy, beginning to bloom quite early in the Spring and continuing very late. Tube and sepals are brilliant, deep scarlet, thick and leathery in texture; corolla is very large, double and pure white.



FUCHSIA, ROSAINS PATRI.

No Orders from this page accepted for less than 30 cents.



# FLOWERING PLANTS, BULBS AND VINES.

THE SUMMER FLOWERING BULBS AND PLANTS for spring planting are inexpensive, very easily grown, require scarcely any care, and produce some of the most showy and beautiful of all the summer and autumn flowers. At the prices here given we send by mail, post-paid, *except otherwise noted*, and unless specially ordered otherwise. When Bulbs, Roots or Plants are sent by express, at purchaser's expense, we can usually send much larger stock and more safely packed. When Seeds and Bulbs or Plants are ordered together the seeds and bulbs not injured by frost will be sent at once, and the tender bulbs as soon as possible without danger of injury from cold weather.

## ABUTILON. (Flowering Maple or Chinese Bell Flower.)

**GOLDEN FLEECE**—A fine pure yellow, vigorous grower and remarkably free bloomer, summer and winter. Each, 10c.

**ECLIPSE**—Golden spotted leaves, flowers bright yellow, crimson throat; suitable for baskets and vases. Each, 10c.

**SPLENDENS**—Dwarf; flowers deep red. Each, 10c.

**THOMPSONI**—Double. Orange flowers, spotted leaves; distinct and ornamental. Each, 10c. Any 3 for 25c.; 4 for 30c.

**AMARYLLIS.** Lily-shaped flowers of great beauty, varying in color from white and rose to the deepest crimson; a vigorous grower; blooms freely, often twice in a season.

**Formosissima (Jacobean Lily)**—Flowers of a deep velvety crimson color; handsome and very striking. A great favorite. Each, 15c.; 3 for 35c.

**Johnsonii**—One of the best. Strong growing and free blooming. Flowers large, crimson, striped with white. Each, 40c.; 3 for \$1.00.

**Hybrids of Vittata**—Red and white striped. Each, 50c.

**APIOS TUBEROSA.** A hardy tuberous-rooted climber, closely resembling the common Wisteria in vine and foliage, and having clusters of deep purple flowers which have a strong violet fragrance. Plant the bulbs near a trellis, fence, tree, or any place where you may wish a climber. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and need not be taken up over winter. A vine so sure to grow and give satisfaction should be in every garden. Each, 5c.; 5 for 20c.; doz., 40c.

**AMPELOPSIS. VEITCHII**—Sometimes called Japan Ivy and Boston Ivy—The finest climber we know of for training over walls, as it clings firmly to the smoothest surface, covering it smoothly and densely with fresh, deep green heart-shaped leaves in summer, which take on, in the fall, the bright autumn colors. It likes a rich soil; quite hardy, but requires a slight protection in winter in our climate. Strong Plants, 20c. each; 3 for 50c.; 7 for \$1.00.

**Quinquifolia**—(The old "Virginia Creeper," "American Woodbine")—A perfectly hardy climber of rapid growth. Fine for covering walls or unsightly objects. Each, 15c.; 4 for 50c.; 7 for \$1.00.

**BEGONIAS. Tuberous-Rooted**—The tubers which we offer are of the very best quality, and with proper care will give a beautiful display early in the summer. For growing in pots or boxes in the house, plant in rich, sandy soil; give good drainage, water freely after the leaves start, but do not let the soil become sour or logged from over watering. If it is desired to have a bed outdoors, select a shady, moist situation, making the bed rich with thoroughly rotted manure and leaf mould, if obtainable. Plant as soon as danger from frost is over. After the plants start into vigorous growth keep well watered. If planted in a proper situation no plant in cultivation will give a more magnificent display throughout the summer.

## SINGLE VARIETIES. LARGE, WELL-RIPENED TUBERS.

**White, Pink, Yellow and Scarlet**—Each, 10c.; 4 for 30c.; doz., 80c.

**Single, Mixed**—Many varieties. Each, 10c.; 4 for 30c.; doz., 80c.

## DOUBLE VARIETIES.

**Scarlet, Pink, White, Yellow**—Each, 20c.; 4 for 65c.; doz., \$1.60.

**Double, Mixed**—Many varieties. Each, 20c.; 4 for 60c.; doz., \$1.50.

## Caladium-Esculentum.

### "ELEPHANT EARS."

This splendid foliage plant gives perfect satisfaction, and is worthy of general cultivation, filling a place which no other plant does, adding greatly to the beauty of the lawn or garden by its immense tropical-like foliage. Plants attain a height of from 4 to 6 feet; the leaves being veined and variegated with different shades of green, when massed alone or with Cannas they produce a most striking and beautiful effect. They are of easy culture, and will grow in almost any garden soil, but if especially large plants are wanted they should be planted in a well enriched soil and given an abundance of water throughout the season.



### CALADIUM BULB PRICES

POSTPAID.

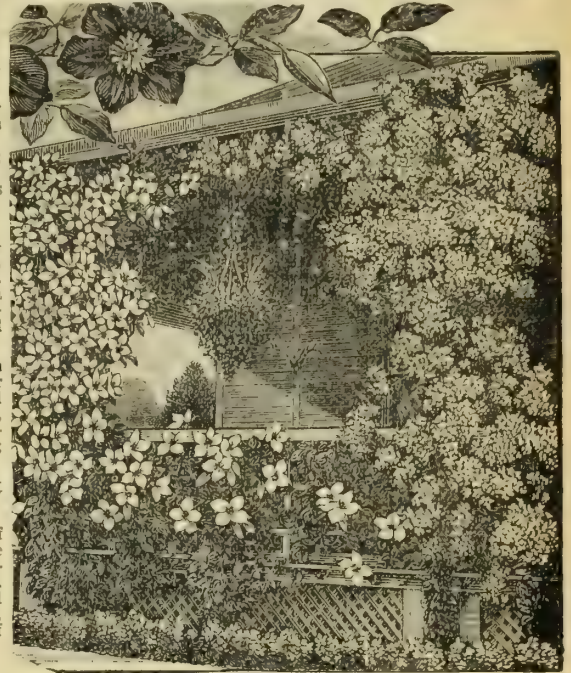
**Extra Large**—Fancy bulbs over 12 inches in circumference—50c. each.

**First Size**—10 to 12 inches in circumference—Each, 30c.; doz., \$3.00.

**Second Size**—8 to 10 inches in circumference—Each, 20c.; doz., \$2.00.

**Third Size**—6 to 8 inches in circumference—Each, 10c.; doz., \$1.00.

**BIGNONIA RADICANS. TRUMPET FLOWER**—A rapid growing climber, very hardy; dark red trumpet-shaped flowers with orange throat. Each, 20c.; dozen, \$2.25.



CLEMATIS.

**CLEMATIS.** The justly proud queen of all climbers, with its beautifully varied flowers, which are produced from June until October. A rapid grower. It delights in rich soil and a sunny position. Perfectly hardy, and when well established is a profuse bloomer.

**NEW MADAME EDOUARD ANDRE CLEMATIS.** Entirely distinct; the nearest to a bright red ever sent out. It resembles Jackmannii in freedom of bloom, strong, vigorous growth and shape and size of flower, but is of a distinct carmine red color of a most pleasing shade; entirely different from all others. Each, 50c.

**Jacmanii**—Flowers dark, rich royal purple; very free bloomer; the best known and most popular. Strong Plants, 50c. Larger Plants, 75c.

**Ramona**—A strong, rampant grower, and very hardy; a free and perpetual bloomer; flowers very large; deep sky blue. Each, 50c.

**Lady Caroline Neville**—Fine flowers from six to seven inches in diameter. Color, delicate blush white. Each, 50c.

**Mad. Baron Vieliard**—Flowers very large; light rose with lilac shadings; very distinct. Each, 50c.

**Gipsy Queen**—One of the finest dark purple varieties; a strong and free bloomer. Each, 50c.

**Fairy Queen**—Pale flesh with pink bar; fine large flower. Ea., 50c.

**Henryii**—One of the best. Robust habit, free bloomer, large finely formed flowers of a beautiful creamy white. Each, 50c.

**Duchess of Edinburg**—A free flowering double white variety with medium sized flowers. Each, 50c.

**Viticella Kermesina**—A strong grower, with pretty foliage and red flowers. Suitable for verandas and trellises. Each, 50c.

**Any Three Varieties from above for \$1.25. 6 for \$2.25.**

**Extra Strong Plants, of above, 75c. each; 3 for \$1.00.**

**Coccinea**—Bell-shaped flowers, bright coral red; blooms from June until frost; rapid grower; very free bloomer. Each, 20c.; 3 for 50c.; 7 for \$1.00.

**Flammula (Virgin's Bower)**—A general favorite. Flowers small, white and very fragrant; ornamental foliage. One of the best for covering trellises. Very hardy. Each, 20c.; 3 for 50c.; 7 for \$1.00.

**Virginica (American White)**—A very rapid growing and hardy plant; seeds furnished with long, plumose, downy tufts; flowers small, white. Each, 25c.; 3 for 60c.; 6 for \$1.00.

**CLEMATIS PANICULATA.** New Sweet-Scented Japan Clematis—One of the finest additions to our list of hardy climbers. Of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. Flowers of medium size, pure white, borne in immense sheets; of a most delicious and penetrating fragrance. The flowers appear in September, at a season when very few other vines are in bloom. Each, 20c.; 6 for \$1.00; Extra Strong 2-year-old Plants, 30c.; 4 for \$1.00.

**SPECIAL PRICE MADE BY LETTER FOR LARGER QUANTITIES.**

# CANNAS.

The Canna is one of the most beautiful of all foliage plants, and has long been a great favorite, but since the introduction of the new French varieties their value has been greatly increased by adding to the already attractive foliage large flowers of the most brilliant colors, and now this is the leading foliage plant known to florists, the foliage differing in the different varieties from a splendid bronze to light and dark green, and the flowers from a bright yellow to a dark red; also in variegation and mixtures. Plants grow from two to ten feet high, according to the kind. Most of the following, after blooming all summer, will bloom in the winter if potted before frost. Plant out doors about the middle of May. Do not water too freely until well started or the roots will rot. Below will be found a **select list** of the best and most distinct old and new varieties. Too many so-called NEW varieties have been introduced with really nothing of merit or distinctness to recommend them over older kinds; such we have culled out, making up our list of all choice kinds, every one of which is a good one.

**FLAMINGO**—A superb variety. Flowers very large and of fine, even rounded form. Color, deep, glowing crimson, exceedingly bright and attractive. Plant vigorous, with massive dark green foliage. Sure to become a most popular bedder, and one of the best for indoor blooming in winter. 3½ feet. 25c. each; 5 for \$1.00.

**ELDORADO**—The nearest approach to pure golden yellow to date, being very finely speckled with lightest red. A strong grower; stems of good length, supporting large, finely formed flowers; of dwarf, compact habit; about 3½ feet.

**QUEEN CHARLOTTE**—A splendid gilt-edged variety. It has heavy bluish green foliage; enormous flower-spikes towering grandly above the foliage; large flowers of perfect form, with petals of a rich scarlet crimson, broadly banded with bright canary yellow; a perpetual bloomer and one of the finest decorative plants. 3 feet.

**PIERSON'S PREMIER**—Very dwarf free bloomer similar to Queen Charlotte, but much better for massing. Each, 20c.; 3 for 50c.; 8 for \$1.00.

**J. C. Vaughan**—Purplish foliage, flower large, color clear, deep vermilion orange, with a satiny lustre on the petals, contrasting brilliantly with the dark foliage. 4½ feet.



**ALPOHNSE BOUVIER**—One of the grandest outdoor bedders of all Cannas. Luxuriant grower, foliage bright green, flowers a vivid crimson; a profuse bloomer, beginning early, and in a continuous mass of crimson the entire season; 4 to 6 feet.

**Madam Crozy**—Flowers large, flaming scarlet, bordered gold; very cheerful green foliage; one of the best and most dwarf sorts; can be had in bloom the year round; 3 feet.

**MRS. FAIRMAN ROGERS**—Similar to Mme. Crozy, but has a decidedly larger and stronger truss. The best of its color. 25c.; 3 for 60c.; 6 for \$1.00.

**Paul Marquant**—A profuse bloomer; very large flowers of a deep salmon color tinted with carmine; foliage green; one of the most pleasing and beautiful; 4½ feet.

**Miss Sarah Hill**—Foliage green; flower spike upright; flowers good size, carmine crimson; fine bedding variety; 4 feet.

**CHARLES HENDERSON**—A splendid compact grower; blooms of large size, bright crimson, center marked with gold pencilings. One of the best. 3½ feet.

**FLORENCE VAUGHAN**—A very striking yellow spotted Canna. Lemon yellow, spotted with bright red. Free bloomer with large spikes of handsome, most distinct and beautiful flowers. Foliage massive and light green. 4 feet.

**EGANDALE**—Dark bronze foliage; large, bright cherry-red flowers of good form and substance. A fine bedder. 4 feet.

**J. D. Cabos**—Rich maroon foliage. Flowers large and round; deep apricot with deeper shading. Its novel color attracts the attention of every one. 4½ feet.

**ANTOINE CROZY**—Green foliage; flowers bright cherry carmine; rich and dazzling, and bordered by a rich golden border. A perfect gem, and in the estimation of many the finest gilt edged variety of all. Vigorous grower. 3 feet.

**Ehemanni**—Distinct; large emerald-green leaves, and the carmine-red flowers are borne on long, tube-like stems, with petals recurved. 6 feet.

**ROBUSTA**—Very tall bronze; few flowers, but one of the best for decorative work.

**CANNAS, Mixed, all Colors of Flowers and Leaves**—10c. each; 6 for 50c.; 13 for \$1.00. BY EXPRESS—25 for \$1.50; 50 for \$2.75; 100 for \$5.00.

**Red Shades, Mixed**—Each, 15c.; 5 for 50c.; 12 for \$1.00. BY EXPRESS—25 for \$1.50; 50 for \$2.75.

**Yellow Shades, Mixed**—Each, 15c.; 5 for 50c.; 12 for \$1.00. BY EXPRESS—25 for \$1.50; 50 for \$2.75.

**Mixed Bronze**—Each, 15c.; 10 for \$1.00; BY EXPRESS—12 for \$1.00; 25 for \$1.75; 50 for \$3.00.

**NEW YELLOW CANNA BURBANK**—A California Seedling of great merit; giant orchid-like canary yellow, double the size of Madam Crozy. A splendid bedding plant with luxuriant broad leaves. 35c.; 3 for \$1.00

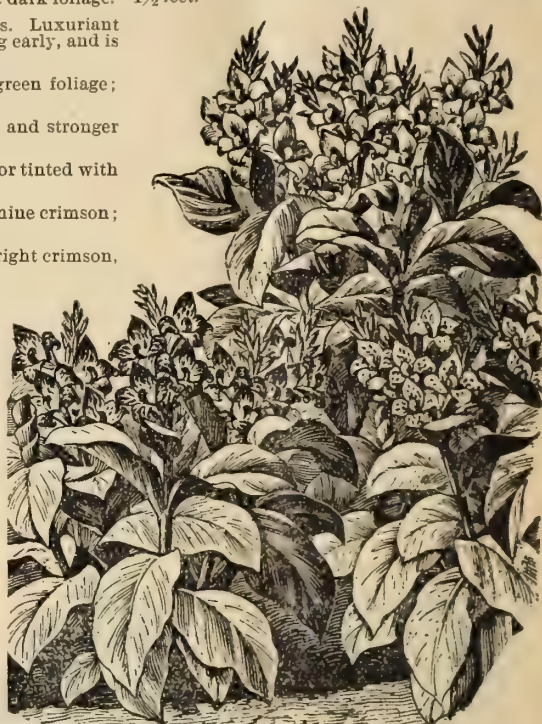
**AUSTRIA**—One of the grand orchid-like flowers of pure-canary yellow, with but a few traces of small reddish brown spots in the center of the two inside petals. 20c.; 3 for 50c.; 7 for \$1.00.

**ITALIA**—Magnificent mammoth orchid-like flowers of bright orange scarlet, with broad golden yellow border, borne on long, heavy stems well above the foliage; foliage large and heavy. 25c.; 3 for 60c.; 6 for \$1.00.

**SUNBEAMS**—Plant remarkably dwarf and compact, averaging about 2½ feet in height; flowers very large, color bright golden yellow, very faintly marked with orange. 20c.; 3 for \$1.00.

**CHICAGO**—The best vermilion scarlet to date; green foliage, leaves 9 to 10 inches wide; flower truss and stock erect; the large flowers are clear, deep vermilion, smooth and glossy; 4 ft. 20c.; 3 for 50c.; 8 for \$1.

**PRICES** of any of the above, unless otherwise quoted, each, 15c.; 4 for 50c.; dozen, \$1.40. Special Prices on Cannas in larger quantities than here quoted on application.



CANNA PLANTS.

**COLUMBIA**—This beautiful rich cardinal red variety is said to produce the largest trusses of flowers of any in cultivation; a strong, compact grower with heavy, dark green foliage; splendid bedder; 3 feet. 20c.; 3 for 50c.; 7 for \$1.00.

**PRESIDENT CARNOT**—A majestic dark-leaved variety. Deep foliage, chocolate maroon; distinct and fine; very large flowers of rich vermilion scarlet. 20c.; 3 for 50c.; 8 for \$1.00.

**F. R. PIERSON**—A very distinct sort with large, intense glowing, scarlet flowers, each being touched with yellow. A compact grower and free bloomer; worthy of extensive cultivation. 20c.; 4 for 50c.; 9 for \$1.

**BASSET'S RED**—One of the old type Cannas; strong, robust habit, of the most intense bronzy-red foliage; flowers small; for foliage effect, especially in large masses, it is a grand one; 5 feet.

**ADMIRAL AVELLAN**—One of the best of the dark leaved varieties and distinct from all others of its class; flowers good size, rich orange, scarlet overlaid with salmon; plant always symmetrical; 5 feet.

We will make plans and estimates on Canna beds for customers if they will write, stating the amount of space and about the amount they desire to expend.



CINNAMON VINE.

**CINNAMON VINE.**

This beautiful and rapid climber possesses the rare quality of emitting from its lovely white flowers the delightful odor of the cinnamon. They are perfectly hardy, the stem dying down every autumn, but growing again in the spring so rapidly as to completely cover any trellis or arbor very early in the season. The vines often run 25 feet or more, and when trained over and about a door or window make an ornament much admired, while its many clusters of delicate white flowers send out an amount of fragrance that is truly wonderful. It is easy to cultivate, has no insect enemies, and is not affected by drouth because its roots so deeply "Chinese Yams;" they increase in size from year to year, and are often two feet long at

two or three years of age; said to be equally as good for table use as potatoes. We have now grown this vine for ten years, and sent out many thousands to every section of the country, and the only verdict is—"One of the most desirable climbers in cultivation." One nice root or tuber, 10c.; 2 for 15c.; 5 for 25c.; 15 for 50c.; 40 for \$1.00; 100 for \$2.00, POSTPAID. We pack carefully and guarantee safe arrival.

**DAHLIAS.**

THE DAHLIA is one of the showiest of our autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost in autumn. Especially fine for cut flowers. We know of nothing that is more showy for table decoration than a loosely arranged bouquet of long-stemmed Cactus or Single Dahlias. They delight in a deep, rich soil and thorough cultivation, and should be planted three and one-half to four feet apart; stakes should be provided for the taller kinds, to prevent strong winds from breaking them down.

**Ten Grand New Dahlias.**

Mostly brought out by a specialist, and who is one of the best and largest growers of fine Dahlias in the United States.

**JOHN ELITCH.** New last season, and pronounced by good judges as the **Best Red** ever sent out. The flowers are very large, five to six inches in diameter, and double to the center, which remains full for several days after the outer petals have faded. The stems are long and wiry. Its color is a bright, dazzling red; velvety. Foliage much darker green than the average.

**PRINCE OF INDIA.** One of the finest; flowers immense, often six inches in diameter, of perfect Cactus form and densely double. Its color very pleasing, almost like the American Beauty Rose, but brighter. Its stem is good and it flowers freely.

**LOUISE.** Darkest Dahlia of all; as black as King of the Blacks Pansy. Extra long stems and flowers of perfect form.

**JOSEPHINE.** Bright scarlet; the flowers are of good size and excellent form, stems long; very free flowering. This is a beauty.

**QUEEN OF SHEBA—** A peculiar combination of gold and silver in its color. Flowers medium to large size, and a free bloomer; good stems.

**GLORIOSA.** Bright red. Petals shaped like Mrs. Peart, only more twisted. This with Mrs. Peart makes a most gorgeous bouquet

**MRS. PEART.** A very distinct form, with peculiar long, quilled and curved petals, each one coming to a sharp point. Flowers very large, and at a little distance resemble some of the large Chrysanthemums. It is a remarkably free bloomer, and the flowers are invariably perfect. Very popular as a cut flower.



DAHLIA—"MRS. PEART."

**E. A. TUNNELL.**

A beautiful red variegated and shaded with pure white; a very pretty and attractive flower, almost as perfect and round as a ball.

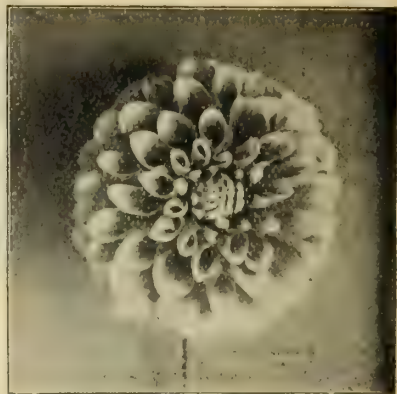
**GRAND DUKE ALEXIS.**

Of entirely new form, each petal being twisted and curved funnel-shaped, with astonishing regularity. The color of the flower is pure white, shading to most delicate, charming shell pink. The flowers are of enormous size.

**WM. AGNEW.**

One of the grandest red Cactus Dahlia ever produced; the flowers are of the largest size, sometimes measuring more than 7 inches across. Of perfect form and exquisite finish.

Any of the above Dahlias 20c. each; 6 for \$1.00; or while our stock is unbroken the Set of Ten (or any ten of one or more kinds) for \$1.50.



DAHLIA—QUEEN OF SHEBA.

**NINETEEN SPLENDID DAHLIAS.**

**Nymphæa** (The pink Water-lily Dahlia)—The large flowers have broad petals, delicate pink, shading to bluish at center. A very pretty and much admired variety.

**A. D. Livoni**—A lovely pink; finely formed, very handsome, and beautifully quilled; an early and free bloomer.

**Guiding Star** ("White Aster")—Pure white, most perfect shape, edges of petals most beautifully fringed. 20c.; 3 for 50c.; 7 for \$1.00.

**Lucy Fawcett**—Straw color, fluted with scarlet and purple.

**Wm. Pearce**—Rich orange yellow; a fine variety for cutting.

**Columbus**—A new introduction of great value. Light cherry-red, tipped and shaded pure white.

**Miss Thatcher**—The best double yellow Dahlia in cultivation. The flowers are large, very full and double.

**Crimson King**—Deep crimson; an early, free bloomer. *Hard to beat.*

**Glory de Lyon**—The largest and most perfect globe-shaped pure white. Petals very large and so numerous as to form nearly a perfect ball.

**Mad. Furtado**—Pure white, of immense size, fine form, and full to the very center. Early and profuse bloomer.

**White Dove**—Pure white. Each petal divided into three distinct points. Flowers well above the foliage, on long stems; attractive.

**Floral Park Jewel**—Flowers of many colors, from deep maroon to bluish white, also beautiful spotted and variegated forms, all produced on the same plant.

**Lydia Dieter**—A beautiful soft lavender shade; one of the most attractive colors in the collection.

**Miss Dodd**—Purest yellow, of exquisite form and color.

**Cora Gleason**—A magnificent flower of perfect Cactus form and of immense size; color, a deep purple lake. Never shows any open center.

**Lucile**—A remarkable free bloomer; color, pure sulphur yellow.

**Maid of Athens**—Of pure Cactus type and bears flowers in profusion; color, the softest shade in pink.

**Orine Emerson**—A handsome flower on long stem. Color, rich, dazzling red, shaded light cherry-red. Admired by all.

**Bonnard's Yellow**—A fine EXTRA EARLY bloomer.

PRICES—Unless noted, 15c. each; 8 for \$1.00; Collection of 19 or \$2.00.

**"THE DAHLIA."** (By PEACOCK.) A practical treatise on the cultivation of the Dahlia. Beautifully illustrated and well printed on toned paper. Postpaid, 30c. May be ordered EREE with a Dahlia order amounting to \$2.00 or over.

**DUTCHMAN'S PIPE (Aristolochia Siph.)**

A magnificent hardy vine of rapid growth, with very large, heart-shaped leaves and brownish flowers, resembling in shape a miniature pipe; splendid for archways or verandas. 35c.; 3 for \$1.00.

**DATURA CORNUCOPIA.** (Horn of Plenty.)

The grand, trumpet-shaped flowers measure from 7 to 9 inches in length and nearly six inches across, and form three distinct trumpets growing each within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple, forming a most striking contrast. The flowers, which are very sweet, are produced in great abundance. The plants grow to a large size, forming bushes three or four feet across; the stem is thick and of a shining dark purple. 20c.; 3 for 50c.

**GLOXINIA.** A charming class of summer-blooming plants, the rich and varied coloring of the flowers being beautiful in the extreme, many of them beautifully speckled; flowers three inches long by two inches in diameter; upright and pendulous; colors, crimson, violet, rose, scarlet, white, etc. They attain the greatest perfection if grown in light, rich soil, in a shady, well ventilated frame. After they are done blooming they may be kept in a warm, dry cellar, or under the stage of a greenhouse. We quote mixed colors only. Each, 15c.; 6 for 80c.; dozen, \$1.50.



GLADIOLUS PLANTS.



GLADIOLUS FLOWERS.

# GLADIOLUS.

These fine Summer and Fall Flowering Bulbs produce blooms which embrace every shade of color, and some of them are marvels of beauty. Great improvements have been made in this flower during the past few years. They are of easiest culture and produce their brilliant ground is sufficiently warm and dry, make plantings at intervals of two weeks during the spring months, whereby a succession of bloom will be had. In the fall the bulbs can be taken up and stored over winter in a dry place. **Our prices include prepayment unless otherwise noted.**

**MIXED GLADIOLI.** The bulbs we offer are of the finest quality, and no better mixture can be had where fine colors and distinct markings are desired. **Greater satisfaction for the small outlay required can hardly be obtained.**

**AMERICAN HYBRIDS—MIXED—**Our extra fine high grade seedlings. Many specimens of rare beauty; hardly any two alike. *Prepaid*, each, 5c.; dozen, 40c.; 100 for \$2.50. *By express (not paid)*, 50 for \$1.00; 100 for \$1.75.

**ALL COLORS MIXED—A Choice Mixture of Many Colors—***Prepaid*, each, 5c.; dozen, 30c.; 50 for \$1.10; 100 for \$2.00. *By express (not prepaid)*, 60 for \$1.00; 100 for \$1.50.

**Butterfly Gladiolus—**This brilliant class is distinguished by the rich and vivid coloring of its flowers. The blotch is the typical and remarkable feature of this variety. **Lemoine's Mixed**, made up of finest sorts, *prepaid*, each, 5c.; dozen, 40c.; 100 for \$2.50. *By express (not paid)*, \$2.25 for 100.

## GLADIOLUS—SEPARATE COLORS. (Prices Quoted are Postpaid.)

|                               | EACH. | DOZ. | 100    |
|-------------------------------|-------|------|--------|
| White and Light Shades, mixed | 4c.   | 35c. | \$2.50 |
| Pink Shades, mixed            | 4c.   | 35c. | 2.50   |
| Red and Scarlet Shades, mixed | 4c.   | 30c. | 2.00   |

|                                | EACH. | DOZ. | 100    |
|--------------------------------|-------|------|--------|
| Yellow Shades, mixed           | 5c.   | 50c. | \$3.25 |
| Striped and Variegated—mixed   | 4c.   | 35c. | 2.50   |
| Scarlet and Pink—White Throats | 5c.   | 50c. | 3.50   |

## NEW GIANT FLOWERING GLADIOLUS—"CHILDSI."

A magnificent new race of extraordinary size and remarkable beauty. Twice the size of the Gladiolus Grandavensis varieties, while possessing their long-lasting qualities and the beautiful markings of the Lemoine section. **All Colors, mixed**, each, 10c.; 3 for 25c.; doz., 75c. *postpaid*.

## EIGHTEEN CHOICE NAMED GLADIOLUS.

- Africain**—Brown on scarlet ground, streaked scarlet and pure white; white blotch. 10c.
- Amalthe**—Pure white, violet-red blotch. 10c.
- Ajax**—Beautiful striped. 8c.
- Bayard Taylor**—Yellow, crimson throat; one of the most effective. 20c.
- Brenchleyensis**—Bright vermilion-scarlet. 5c.
- Ceres**—White, spotted rose. 5c.
- Duchesse of Edinburgh**—Purplish rose, with a carmine stripe on each petal. 10c.

- Grand-Rouge**—Enormous spikes of intense scarlet flowers, small violet blotch; the finest of its color. 10c.
- Gen. Phil. Sheridan**—Large bright scarlet with white throat. 10c.
- Isaac Buchanan**—Fine, clear canary yellow. 5c.
- La Candeur**—White, striped with carmine violet. 10c.
- Martha Washington**—Light yellow, of large size, lower petals tinged with rose. 5c.

- Lamarck (de)**—Cherry, white throat. 5c.
- Mlle. Marie Mies**—Delicate rose, flamed with carmine. Superfine. 20c.
- May**—White ground, slightly penciled with crimson; has large spike well expanded. 5c.
- Napoleon III**—Scarlet, striped white. 5c.
- Shakespeare**—White, suffused carmine-rose, large rosy blotch. 10c.
- Snow White**—A magnificent variety with grand spikes of large snow-white flowers. 20c.

**SPECIAL OFFER—**One each of the above **EIGHTEEN CHOICE VARIETIES** (put up separately) for only \$1.25, *postpaid*.

For 25 cents you may select any six quoted at 5 cents, or three at 10 cents, or equivalent.

## HARDY HIBISCUS—"New Crimson Eye."



This elegant Hibiscus, after many years of careful selection, has become entirely distinct. A robust grower with dark stems and foliage. Flowers immense in size, often twenty inches in circumference; pure white, with a large spot of deep, velvety crimson in the center of each flower. A striking combination of color that must be seen to be fully appreciated. A well developed plant will produce several hundred of these flowers in a season. Succeeds anywhere, and is perfectly hardy, blooming the first year in the open ground. Each, 15c.; 4 for 50c.; 9 for \$1.00.

HARDY HIBISCUS—"NEW CRIMSON EYE."

## SUPERB DOUBLE HOLLYHOCKS.

As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn, or interspersing among shrubbery, they are invaluable. The flowers are elegant in shape, and form perfect rosettes of the most lovely shades of crimson, yellow, pink, orange, white, etc. They require a deep, rich soil, and will repay in quantity and beauty of bloom any extra care. We offer a fine assortment of good strong plants that will bloom this season in separate colors, white, yellow, pink, crimson and orange. Each, 15c.; 8 for \$1.00.

## HONEYSUCKLES.

- Aurea Reticulata**—Has beautifully variegated foliage; leaves are netted and veined with clear yellow; flowers yellow and fragrant. 15c.
- Chinese Twining**—Blooms at intervals through the summer, and retains its foliage late into winter; flowers nearly white. 15c.
- Halleana**—White, changing to yellow; very fragrant.
- Monthly Fragrant**—Fine, rapid growing variety; flowers are large and very fragrant; color red and yellow; a constant bloomer. 15c.
- Scarlet Trumpet**—A strong, rapid grower; blooms very freely the entire season; bright red trumpet-shaped flowers. 15c.

## HYDRANGEA PANICULATA GRANDIFLORA.

Absolutely hardy in all sections of the country; easy to grow, scarcely a plant failing to grow and bloom the first year. The flowers will be larger and finer if given good rich soil, but it will do well in any soil or situation. Flowers in immense large panicles, white at first, gradually changing to rose color, and remains in good condition for weeks. If the plant is cut back each spring, one-half the past season's growth, flowers will be finer. For cemeteries or lawns nothing is more desirable. Strong Plants, 15c.; 4 for 50c. Stronger Plants, 25c.; 3 for 60c.; 6 for \$1. Extra Strong Plants (by express), 40c.; 3 for \$1.00; 7 for \$2.00.

**IRIS KÆMPFERII (Japan Iris).**

The flowers are of immense size—from six to eight inches in diameter—and of the most beautiful and delicate shades. Perfectly hardy, and flower in great profusion during June and July. A well-established plant gives a dozen or more flower stalks two to three feet high, each stalk producing two to four blooms. Thrives best if planted in a moist soil; if this cannot be had, should be plentifully supplied with water while growing and flowering.

**IRIS KÆMPFERII—Double Varieties.**

- Blue Jay**—Dwarf habit, large flower; fine azure blue, freely veined and mottled white. Extra fine.
- Charmer**—Lovely light blue; white center and veins. Large, handsome.
- Eclair**—Lovely pure white. Extra large and fine.
- Mahogany**—Very large flower, deep mahogany-red.
- Gold Bound**—Tall and showy, with flowers of enormous size; one of the most beautiful of all. Pure snow white, large gold-banded center.
- Mt. Hood**—Light blue, shaded darker; bright orange center.

**LILIES.**

The Lily is a favorite flower everywhere. Their culture is simple, and with a little care failure is impossible. Plant the bulbs in the spring as soon as the frost is out of the ground—the earlier the better. Select a well-drained spot, dig the soil deep and make it fine, enriching it abundantly with very rotten cow manure and adding a liberal mixture of sand. Set the bulbs from three to five inches deep, according to size.

**Lilium Auratum**—The Golden-Ringed Lily of Japan—This variety is, beyond question, the grandest of all the Lily family. The flowers are pure white, thickly studded with crimson spots, while through the center of each petal runs a clear golden band. Fully expanded, the flowers measure nearly a foot across, are produced abundantly from June to Oct., and possess a most delicious fragrance; very hardy; the best outdoor Lily grown. 15c; doz., \$1.50. Extra Large Bulbs, 25c; doz., \$2.50. Prices in larger quantities on application; also on other varieties.

**Speciosum Album**—Pure white; fragrant. 25c.; 3 for 60c; doz., \$2.25.

**Speciosum Roseum**—White, shaded and spotted with rose. 20c; 3 for 50c.; doz., \$1.75.

**Speciosum Rubrum**—White, heavily spotted with rich crimson. 20c.; 3 for 50c; doz., \$1.75.

**Kramerii**—Distinct from all others; large flowers of a soft, beautiful rose-color. 20c.; doz., \$2.00.

**Tenuifolium**—Beautiful and perfectly hardy; it blooms early in the season; color, lovely vermilion scarlet; very handsome. 25c.; 3 for 60c.

**Tigrinum**—(Double Tiger Lily)—Bright orange scarlet with dark spots; a strong growing, showy variety, entirely hardy. Succeeds well everywhere. 10c; doz., \$1.00.

**Walacei**—Beautiful clear buff, spotted black. 15c.; doz., \$1.50.

**Batemanii**—Three to four feet high, producing bright, apricot-tinted flowers. 25c.; 3 for 60c.

For Easter and other Lilies that cannot be planted in the spring, see our Fall Bulb Catalogue, issued about August 1. Sent free on application.

**LILY OF THE VALLEY.**

No garden is complete without a few clumps of these fragrant flowers, which are such universal favorites as to need no description.

**Strong Flowering Pips**—5c.; 3 for 10c.; doz., 50c.; 100 for \$3.00.

**Clumps**, for immediate effect, are preferable to the Pips or single crowns. Each, 30c. Either Pips or Clumps are *postpaid* by us.

**CALLA LILIES.**

**Ethiopia**—A fine, old, well-known house plant, with large, beautiful pure white flowers, long, yellow spathe, and broad, glossy green leaves. Easy culture, requiring an abundance of water and moderate heat during growing season. Re-pot in September in rich soil. 30c.; 4 for \$1.00. Smaller Plants, 15c.; 4 for 50c.

**Spotted Calla**—Resembles White Calla, but is of smaller habit. Leaves a glossy deep green with numerous white spots. Ornamental, even when not in bloom. 15c.; 2 for 25c.; 5 for 50c.

**Dwarf Calla**, "Little Gem"—Scarcely ever exceeds one foot in height; produces good sized flowers in abundance. 20c.; 3 for 50.

**ZEPHYRANTHES (ZEPHYR FLOWERS or FAIRY LILIES.)**

**Atamasco**—White, suffused with flesh-color; hardy. 5c.; 3 for 10c.; dozen for 30c.; 100 for \$1.50.

**Rosea**—Beautiful, large rose-colored flowers about 3 inches across. 5c.; dozen for 40c.; 100 for \$2.50.

**Treatata**—(Fairy Lily of the South)—Fragrant, pure white flowers. 5c.; 3 for 10c.; dozen for 30c.; 100 for \$2.00.

**HEMEROCALLIS.**

**Flava**—(Yellow Day Lily)—A most useful and desirable herbaceous plant, producing its large golden yellow flowers during July and August in the greatest profusion; plants grow about three feet high. 15c.

**Fulva**—(Lemon Lily)—Lemon-colored flowers; excellent for planting among shrubbery. 15c.

**Kwanso**—Large, double, copper-colored flowers; in bloom all summer. An excellent hardy border plant, and one that grows and blooms well in almost any situation. 20c.

**Dumortieri**—Very dwarf and compact, producing an endless number of large, lily-like blossoms of a bright orange color. The smallest plant will bloom freely the first year, but an established clump, showing hundreds of its superb flowers, makes a splendid show. 15c.

**Orion**—Tall and strikingly handsome; pure white, each petal having a wide border of lilac-red; very distinct.

**P. C. De Rohan**—Purplish blue, shaded violet, with red at center. Fine large flower.

**Robert Craig**—Tall and very large; French white, shaded with violet toward center; extra fine.

**Victor**—Fine porcelain blue, veined.

**IRIS KÆMPFERII Single Varieties.**

**Blue Bird**—Clear dark blue.

**Como**—Reddish amaranth, with large white center.

**Exquisite**—Fine porcelain blue.

**Shadow**—Enormous wavy petals, dark indigo-blue, with peacock lustre and golden center. Grand.

**Snowbound**—Large, pure white with golden bands.

**Souvenir**—Lovely rose pink with delicate blue veins.

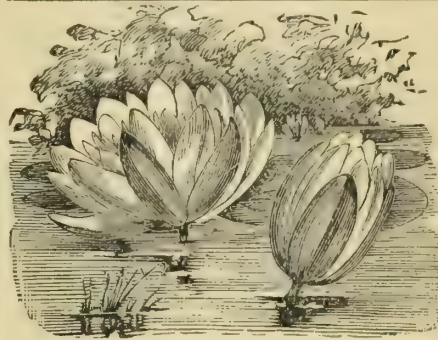
Any of above, 15c. each; 2 for 25c.; 5 for 50c.; dozen, \$1.00.

Mixed Double Varieties, 10c. each; 3 for 20c.; dozen, 65c.

Mixed Single Varieties, same price.

**WATER LILIES**

Are becoming more popular every year; no class of plants are more easily cared for when once established. The cultivation of Water Lilies is very simple. The best soil for growing them is a rich, fibrous loam, with a liberal mixture of well rotted manure; cow manure is very desirable. Rich mud from the bed of a pond or sluggish stream is



NYPHÆA ODORATA.

also good. They may be successfully grown in the open air in tubs, either on the surface or sunk in the ground. Oil barrels out in two make inexpensive and convenient tubs. About the middle of May put in the loam to the depth of six or eight inches, in which plant the roots, barely covering them. Now put on about two inches of sand to prevent the manure from rising to the top. Fill in six inches of water, set in a sunny place, adding water gradually until the tub is full by the time the leaves have covered the surface, and replenish the water as it loses by evaporation. In the winter pour off the water and remove to a cool cellar, or keep from hard freezing by covering with leaves.

**NYPHÆAS OR TRUE WATER LILIES.**

Besides the lovely native species familiar to all, the Nymphæas include both day and night blooming varieties, as well as the Red, White and Blue Zanzibar Lilies, of more recent introduction.

**HARDY VARIETIES.**

**NYPHÆA odorata**—The common white Water Lily of our ponds and streams; very fragrant; golden yellow center. 20c.; 6 for \$1.00.

**N. odorata rosea**—The famous pink Water Lily of Cape Cod. A very choice variety. 40c.; 3 for \$1.00.

**N. odorata gigantea**—A large white variety, much superior to *N. odorata*, having six rows of petals. 20c.; 6 for \$1.00.

**N. Marliacea chromatella**—The grandest of all yellow Nymphæas. Very double, the color being a very beautiful lemon-yellow; a free bloomer, and as hardy as an oak. 40c.; 3 for \$1.00.

**N. alba candidissima**—The large white variety of Europe. Flowers large, a free bloomer; one of the choicest varieties. 40c.; 3 for \$1.00.

**Nelumbium Speciosum**—(Egyptian or Sacred Lotus)—A grand Lotus; perfectly hardy, and one of the loveliest; the flowers when expanding are a beautiful rosy pink; when open creamy white and pink, and very fragrant. A very interesting plant and succeeds anywhere. **Strong Roots**, 50c.; 3 for \$1.25.

**TENDER VARIETIES.**

**Night Blooming**—These have magnificent flowers that open about 8 o'clock in the evening, and close about 10 o'clock in the morning. The flowers last from three to six days, according to the weather.

**Nymphæa dentata**—The flowers are large, measuring ten inches across, and pure white. 50c.

**N. Devoniensis**—The grandest of all tender Water Lilies. Flowers brilliant rosy red, and frequently measure 8 inches in diameter. 50c.

**DAY-BLOOMING**—Flowers open early in the morning and close sometime during the afternoon.

**N. Zanzibarensis azurea**—Deep, rich azure-blue flowers. 50c.

**N. Zanzibarensis rosea**—Flowers of beautiful rose-color. 50c.

**Water Hyacinth**—Very interesting and beautiful; floats on the surface of the water and produces fine spikes of light rosy lilac, orchid-like flowers. Should be grown in about 3 inches of water. 15c.; doz., \$1.50.

**Water Poppy**—(*Limnorcharis Humboldtii*)—Flowers a beautiful clear yellow; poppy-like; good for growing in shallow water or aquariums; very attractive. Each, 15c.; dozen, \$1.50.

**Umbrella Plant**—(*Cyperus Alternifolius*)—Excellent plant for growing in water or damp places; thrives in any good soil, and always presents a green and attractive appearance. 15c. and 25c. each, according to size.

**FUNKIA ALBA (DAY LILY)**—A handsome, showy plant, with beautiful, large broad leaves. Flowers large, pure waxy-white, borne in large trusses; very fragrant. 15c.; 4 for 50c.

**Funkia Variegata**—Has variegated green and white leaves and purple flowers. 20c.; 3 for 50c. One Alba and one Variegata for 30 cents.

**WHITE SPIDER LILY** (*Pancretium Carribbeum*)—A bulbous plant of the Amaryllis family, of easy culture, producing large clusters of beautiful pure white flowers very freely, giving a succession of bloom all summer. Delightfully fragrant. Bulbs, 15c. each; 3 for 40c.

## MOON FLOWERS. PINK. WHITE. BLUE.

A rapid-growing vine, which will easily cover a surface 25 x 40 feet in a season. At night and during dark days plants are covered with an abundance of large, fragrant flowers 3 or 4 inches in diameter. One of the most showy annual climbers. Fine plants ready about May 20.

**Noctiflora**—The well-known White Moon Flower. 10c.; doz., \$1.00.  
**Leari**—(Blue Dawn Flower)—Intense violet blue. 10c.; doz., \$1.00.  
**Mexicana**—Large pink flowers. Having tuberous roots it can be wintered like Dahlias. 15c.; doz., \$1.50.

ONE EACH OF ABOVE (3) FOR 25 CENTS.

**HARDY MOON FLOWER.** *Ipomœa Pandurata*, or **Day-Blooming Moon Flower**—Perfectly hardy, and increases in size each season. Thrives in any soil and produces luxuriant, compact foliage and quantities of beautiful flowers with a purple throat. 15c.; 4 for 50c.

**MANETTIA VINE.** A beautiful twining plant producing abundance the entire season. The color of the flowers is very striking; they are also covered with a moss, or hairy substance, that adds much to their beauty. As a pot plant to train on a trellis it is unrivaled; grown in this manner, it will bloom for several years; succeeds admirably in open ground. Grows 8 to 10 feet. A plant of rare beauty.  
**Bicolor**—15c.; doz., \$1.50.  
**Cordifolia**—A distinct crimson variety. 15c.; doz., \$1.50.

One of each variety for 25 cents.

**MATRIMONY VINE.** (*Lycium Chinense*)—A vigorous hardy climbing plant with bright purple flowers, succeeded by brilliant scarlet berries, which ripen early and remain late on the vine; grows in any situation, either shade or sunlight, and in any soil. 15c.; doz., \$1.50; 2-year-old plants, 30c.; doz., \$3.

**MADERIA OR MIGNONETTE VINE.** A rapid growing vine that succeeds in almost any soil; of easy cultivation; covers a large space in a very short time; leaves light green; bears a small, white, feathery, very fragrant flower. 5c.; 6 for 25c.; doz., 40c.

**MILA BIFLORA.** One of the most desirable flower bulbs on account of its large, pure waxy-white flowers, which are borne in clusters of two or three on a stalk 12 inches high. The flowers will keep for a week after cutting. 3 for 10c.; doz., 30c.; 100, \$2.00.

## SNOWBALL.

A new Japanese variety. Growth upright and compact. Foliage olive green through the summer, but towards fall it turns much darker and remains on the plant for some time after the first frosts. Flowers numerous, often twenty balls on a branch eighteen inches long. These balls, as they expand, all face upward. It is hardy, easily transplanted, and growth of good shape, and beautiful both in leaf and flower. Each, 25c.; Larger Plants, 40c.

**SWAINSONIA GALEGIFOLIA ALBA.** A most desirable free flowering plant with pure white flowers, produced in sprays of from 12 to 20 flowers each, the individual blooms resembling a sweet pea. As a decorative plant for the window or conservatory, we know of nothing that will give as much satisfaction. Its easy culture, growing in almost any light position, its freedom of bloom, rarely ever being out of bloom, and the grace and beauty of the flower and plant makes it a very popular plant for house culture. 15c.; 4 for 50c.

**WISTARIA.** Very popular, hardy, rapidly growing to a height of 50 or more feet. It flowers in early spring, and when in bloom is truly magnificent.  
**Sinensis, Blue**—Color soft lavender blue; flowers in masses like a bunch of grapes; fragrant. 20c.

**Sinensis, White**—Pure white, making a marked, striking and elegant contrast with the blue variety. 35c.

**YUCCA. WHITE CLUSTER.** (Adam's Needle)—Flowers pure white, drooping, in dense clusters upon long stems. A fine plant for the cemetery, lawn, center plants, etc. Hardy and evergreen. 20c. *Stronger Roots*, 35c.

## Tuberose.

One of the most delightfully fragrant and beautiful summer flowering bulbs. The flowers are waxy-white, and the sweetest scented that grows. The growing plant is fond of light and heat and should not be planted outside before April 1st. If planted in 5 or 6-inch pots and sunk in the ground late in autumn they may be taken indoors for flowering.

Our Tuberose Bulbs are grown and cured with the greatest possible care, and our annual output is many thousands.

**DOUBLE DWARF PEARL TUBEROSE**—The flowers are large size and very double. The favorite with everybody. Select Bulbs—Postpaid—Each, 5c.; doz., 35c.; 100, \$2.00.

**ALBINO TUBEROSE**—Single Flowered—Flowers star-shaped, pure white, recurving; a large flower spike, often branched. Each, 6c.; 5 for 25c.; doz., 60c.

**VARIEGATED LEAVED**—This is an early single kind, with striped foliage; flowers not equal to the double ones. Each, 6c.; 5 for 25c.; doz., 60c.

WRITE FOR SPECIAL PRICES ON LARGER QUANTITIES OF TUBEROSES.

MISS LAURA ADAMS, Enslow, Pa. "The Tuberose Bulbs bought of you gave satisfaction. One had twenty-seven buds on it at one time."

## The Great Cemetery Plant, the Pure White Achillea, "THE PEARL."

A new plant, and one of the most beautiful and useful. A hardy perennial, the top dying down to the ground every winter. A plant will produce hundreds of flowers the first summer, but when established the second year frequently have more than five hundred perfect flowers on the plant at one time. It commences to bloom early in July, and is a perfect mass of beautiful flowers till frost; flowers pure white, perfectly double, and produced in large sprays, making it one of the finest cut flowers for bouquets, vases, baskets, etc. Most valuable of all flowers for cemetery planting, as it is sure to thrive and bear its great profusion of snow-white flowers nearly the whole summer. 10c.; 3 for 25c.; doz., 75c.



# SMALL FRUITS.

We call special attention to our list of Small Fruits. While not extended, it contains the best Standard and many of the Choicest New Varieties.

**PRICE OF PLANTS.**—The prices quoted are net cash for spring delivery, and we will not be held to these prices in July, August, etc., (*Fall Delivery*). No plants sent C. O. D. Not less than 6 of any one kind will be furnished at dozen rates, or 50 at 100 rates.

**PLANTS BY MAIL.**—Plants are packed with sphagnum moss and oiled manilla paper, so they will go safely to any part of the United States.

**ERRORS.** with our system very rarely occur, and when they do, we are glad to rectify them, if notified at once.

**GUARANTEE.**—The plants being propagated in special beds, and labeled when taken up, it seems impossible to make a mistake, but if a mistake occurs we are not to be held for any damage beyond the amount received for the plants.

**RESULTS.**—We have no control over plants after their delivery, in good shape, for transportation, hence, we can not guarantee any results whatever, but our responsibility ceases when delivered to express companies or freight agent for shipment.

## STRAWBERRIES.

Plant in March, April, May, September or October, (Spring planting is much the best), on good ground deeply worked and well manured, (*Bone Dust* is excellent). Set in rows 3½ feet apart by 15 inches in the row for field culture, and 15 inches each way for garden. Cultivate clean, mulch late in the fall, and uncover early in spring. Remove mulch after fruiting and sqade in a light dressing of manure.

Varieties marked (P) have imperfect flowers; they will not produce well unless very fourth or fifth row is a perfect flowering variety. Those marked (S) are perfect flowering. When planted as above the (P) sorts are the most prolific. *☞ We do not ship plants by freight.*

**PRICES**—Postage free at dozen rates. *☞ If 100 is wanted by mail add 25c. to the prices given below. At 1000 rate by Express only.*

### Ten Choicest New Strawberries of Recent Introduction.

**WM. BELT**—(S). *Mid season.* Considered "the best variety ever introduced" by the best authority in the United States. If you try but one let it be Wm. Belt, a *giant in size*, very productive, brilliant red, quality extra fine; good shipper. Doz., 25c.; 100, 75c.; 1000, \$4.00.

**CLYDE**—(S). *Medium early.* Gives entire satisfaction in all parts of the country; perfectly healthy, almost as large and even more productive than Wm. Belt; berries keep up in size, are firm and never vary from conical shape. Doz., 25c.; 100, 75c.; 1000, \$4.00.

**BISMARCK**—(S). *Medium to very late.* Size extra large; glossy bright scarlet; good shape and quality; very firm and heavy. Doz., 25c.; 100, 75c.; 1000, \$4.00.

**MICHIGAN**—(S). *Medium late.* Said to be 10 to 12 days later than Gandy; more productive and of higher quality; profitable for late sales; berries large, deep crimson, firm, handsome. Doz., 30c.; 100, 80c.; 1000, \$5.

**MARSHALL**—(S). *Medium early.* A berry of high class, large, fine quality; one of the handsomest and greatest early berry of all; should have rich soil. Doz., 25c.; 100, 75c.; 1000, \$3.50.

**FOUNTAIN**—(S). *Mid season.* One of the best, all round, good berries in existence; fruit large, handsome and deep bright red; flesh red and solid to the center, firm and of good quality. No mistake will be made in planting this variety. Doz., 25c.; 100, 75c.; 1000, \$3.50.

**GLEN MARY**—(S). *Early.* A choice, extra fine berry of large size; bright, glossy crimson; brings highest price in any market; good in all ways. Doz., 30c.; 100, 80c.; 1000, \$5.00.

**STAPLES**—(S). *Extra early.* Almost identical with Warfield, but much darker in color, and in addition a perfect bloomer; very productive; fine for early market. Doz., 25c.; 100, 75c.; 1000, \$4.00.

**TIMBRELL**—(P). *Late.* Large and solid, dark crimson, firm, of very high quality, but needs rich soil and good cultivation. Dozen, 25c.; 100, 60c.; 1000, \$3.50.

**PLOW CITY**—(S). *Very late.* Plant large, strong and very productive; fruit large, regular, long and conical, of dark red color and excellent quality. Doz., 30c.; 100, \$1.00; 1000, \$6.00.

### A Dozen Well-Known Superb Strawberries.

Price of all the following varieties—Doz., 25c.; ½ doz., 15c.; 100, 50c.; 1000, \$3.00. (50 at 100 rate, 500 at 1000 rate.)

**BRANDYWINE**—(S). *Medium late.* Extra large, handsome, firm and solid, of superior quality, and one of the best canning sorts on account of its firmness and deep color.

**BUBACH**—(P) *Medium early.* Large, productive, popular, profitable.

**HAVERLAND**—(P) *Early to late.* A very long berry, of good quality; productive on good soil.

**GANDY**—(S). *Late.* The popular late variety; large and beautiful; quality superior.

**BEDERWOOD**—(S). *Early.* A good early variety of medium size, conical, orange scarlet, good quality.

**ENHANCE**—(S). *Mid season.* One of the best; productive and reliable; fruit of good size and color; firm.

**GREENVILLE**—(P). *Early.* A market berry of high order; ripens early; holds out well; brightest crimson.

**WARFIELD**—(P). *Early.* Largely planted for main crop; dark color; firm and good quality.

**LOVETT**—(S). *Early.* Fruit good size, bright red; firm and productive; valuable as a fertilizer for (P) kinds.

**MITCHELL'S EARLY**—(S). *Extra early.* Has many friends. A robust grower; yields bountifully good sized scarlet berries.

**DAYTON**—(S). *Early.* Large, firm, deep color, of uniform size; one of the best to fertilize (P) kinds; drought resister.

**MUSKINGUM**—(S). *Very late.* Valuable; desirable; large berry.

**SPECIAL PRICE FOR LARGER QUANTITIES, MADE BY MAIL, ON REQUEST.**

## Raspberries.

Will do well on any soil that will produce a good corn crop. Plant in rows 5 feet apart and 3 feet apart in the rows. *If to go by mail add 40c. per 100 for postage; at dozen rates mailed free.*

**EUREKA**—One of the earliest *Black Caps*. Large and very productive; upright grower; one of the hardest. 10c.; doz., 50c.; 100, \$1.25.

**GREGG**—Leading *Black Cap*; very large; splendid market variety.

**OHIO (Black)**—Hardy, vigorous and productive; fine flavor; the leader for canning and evaporating.

**MILLER'S RED**—One of the earliest and best; bright red berries, sturdy, vigorous grower and productive.

**COLUMBIAN.** *A remarkable berry indeed*; colossal in size of plant and loaded with fine, large, deep purplish-red berries; sweet and of high flavor; perfectly hardy. Last season two vines, supported by trellises and good culture, grew 16 feet high and covered a space 15 feet in circumference, giving a good supply of berries for a family of four the entire season. 10c.; doz., 60c.; 100, \$2.50.

**CUTHBERT**—Large; firm; deep rich crimson; very productive; a strong and hardy variety.

**JAPANESE (Wineberry)**—Deep red, glossy, borne in large clusters; esteemed for canning, preserves, jellies, etc.

**GOLDEN QUEEN**—A handsome, large, golden yellow berry; productive; quality first-class.

**KANSAS**—New mammoth black cap; will grow 1½ ins. in diameter.

**LOUDON**—A grand new late red; very hardy and very productive. Doz., 60c.; 100, \$3.00.

**PRICE, unless noted, 10c.; doz., 40c., postpaid. 100, express or freight, \$1.00**

## BLACKBERRIES.

Should be planted in rows six feet apart and four feet in the rows. They do best in good rich soil. *If to go by mail add 50c. per 100 for postage. Mailed postpaid at dozen rates.*

**LUCRETIA, DEWBERRY**—Early; ripens before late raspberries are gone. Hardy. Remarkably productive; berries one and one-half inches long and one inch in diameter; of a sweet, luscious flavor.

**EARLY HARVEST**—Fruit glossy black; uniform and productive.

**ELDORADO**—An enormous yielder; berries jet black and borne in large clusters. 10c.; doz., 75c.; 100, \$2.25.

**ERIE**—Vigorous grower; very productive; fruit large and of good quality. 10c.; doz., 60c.; 100, \$1.75.

**TAYLOR**—Larger than Snyder; of sturdy growth, ripens late, of delicious flavor; a good variety for cold climates.

**ANCIENT BRITON**—One of best and hardest; profitable market sort.

**OHMER**—Late, large, ripens after Raspberries; firm and sweet. 10c.; doz., 75c.; 100, \$2.25.

**LOVETT'S BEST**—Said to be the best. Also Kittatinny, Wilson, Snyder, Lawton and other well known kinds.

**PRICE, unless noted, 10c.; doz., 60c., postpaid. 100, freight or express, \$1.50**

## Gooseberries.

Plant in good rich soil, in rows 5 feet apart by 3 feet in the row. **THE PRICES ARE POSTPAID.**

**NEW COLUMBUS.** Well tested; good everywhere. Fruit of largest size, oval, greenish-yellow, of first-class quality; as free from mildew of either fruits or foliage as any. 25c.; 3 for 60c.

**RED JACKET**—Purely American. Rivals foreign sorts in size; thrifty grower, free from mildew, very hardy, and productive; its large ruby-red berries are smooth and of fine flavor. 25c.; 3 for 60c.

**GOLDEN PROLIFIC**—An American seedling of English type. Hardy, a good grower and heavy cropper. Large, deep golden yellow; very attractive; quality excellent. 30c.; 4 for \$1.00.

**DOWNING**—Of large size; pale green; of splendid quality for cooking and table use. 10c.; 3 for 25c.; doz., 75c.

**CHAUTAUQUA**—Equals the finest and largest varieties in size, beauty and quality; a great yielder; very sweet and of exquisite flavor; free from spines and hair; Often grows 1½ inches long. 30c.; 3 for 75c.

## CURRENTS.

The plants of this fruit should be set four feet apart in good rich soil. Cultivate well or mulch heavily. *Prices quoted below are for one year old plants. Two year plants, on account of size, must go by express; prices of same on application.*

**FAY'S PROLIFIC**—Robust grower, large fruit, bright red, good flavor.

**VERSAILLES**—An old standard; very large, red, of excellent quality.

**VICTORIA**—Large, bright red; bunches long, medium size; very productive and ripens late.

**WHITE GRAPE**—The best white. Large, of excellent flavor, a good grower and yielder. Fine for table use.

**NORTH STAR**—Combines many good qualities. Extremely hardy; grows freely from cuttings; early and abundant fruiter; strong grower.

**BLACK CHAMPION**—The leading black sort.

**PRICES OF ANY VARIETY** Each, 10c.; 3 for 20c.; doz., 65c.; 100, \$3.50, postpaid. If to go by Express, \$3.00 per 100.

## GRAPES.

Plant about eight feet apart by a fence or building. For vineyard plant in rows eight feet apart, six to eight feet apart in the row.

**CONCORD**—One of the most popular grapes. Succeeds everywhere. Color, purplish black.

**MOORE'S EARLY**—Large; black; fine quality.

**MOORE'S DIAMOND**—White; excellent; early. *If you buy but one white, take this.*

**AGAWAM**—Red; early; reliable.

**BRIGHTON**—Dark red; very early; large bunches; resembles Catawba, but as rich as Delaware.

**CATAWBA**—Berries large, round, red, sweet and rich.

**DELAWARE**—Small bunches; light red, sweet and fine flavor.

**WORDEN**—Black; very early; excellent.

**HARTFORD**—Black; very early.

**NIAGARA**—A hardy, strong grower; large and compact bunches; as large as concord; of light, greenish white color.

**POCKLINGTON**—Bunch and berry large; golden yellow.

**WHITE LADY**—Very early; best quality.

**PRICES, postpaid, One Year Vines, 15c.; doz., \$1.00. Two Year Vines, 20c.; 8 for \$1.00. Larger lots by freight or express quoted on application.**

# FERTILIZERS, ETC.

As there is now very strong competition in Fertilizers, we prefer to make a special price to parties wanting it in TON or CAR lots. Fertilizers, F. O. B., Columbus.

**FINE RAW BONE**—Analysis: Ammonia, 4 to 5 per cent.; Phosphoric Acid, 22 to 24 per cent.; Bone Phosphate, 48 to 55 per cent. A first-class article; an excellent fertilizer for grass, wheat, etc., but does not give as quick results as phosphates. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags, \$10.00.

**GARDEN CITY SUPER-PHOSPHATE**—Analysis: Ammonia, 2½ to 3½ per cent.; Soluble Phosphoric Acid, 4 to 4½ per cent.; Reverted Phosphoric Acid, 4 to 4½ per cent.; Insoluble Phosphoric Acid, 4 to 4½ per cent.; Actual Potash, 0.54 to 1.08 per cent. Stands without a rival as the largest crop producer at the smallest outlay. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.50; 3 bags for \$10.00.

**PURE GROUND BONE**—Analysis: Ammonia, 3 to 4 per cent.; Bone Phosphate, 40 to 50 per cent.; Phosphoric Acid, 18 to 22 per cent. Every bag guaranteed pure bone and will act quicker than the *Fine Raw Bone*. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$10.00.

**POTATO CROWER**—Analysis: Ammonia, 3 to 4 per cent.; Available Phosphoric Acid, 7 to 9 per cent.; Sulphate Potash, 4 to 5 per cent. The best value for the money of any special, and too much cannot be said for it; a thoroughly reliable stimulant for the potato crop. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; bag of 200 lbs., \$3.75; 3 bags for \$10.00.

**DISSOLVED BONE PHOSPHATE**—Good article containing both Ammonia and Phosphoric Acid. 5 lbs., 30c.; 10 lbs., 50c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; bag of 200 lbs., \$3.00; 3 bags for \$8.00.

**LAWN FERTILIZER**—See page 59.

**NITRATE OF SODA**—For early vegetable crops, especially where leaf growth is desired, it will produce wonderful results. As the market fluctuates, these prices are liable to change without notice. 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.25; 200 lbs., \$8.00.

**LAND PLASTER OR CYPSUM**—Used by many potato and vine growers. Excellent to mix with Paris green at rate of 100 lbs. Plaster to 1 lb. Paris green. For the striped bug on melons and other vines, in the evening, to a bucket of Plaster add one tablespoonful of kerosene, cover close and apply next day. This will be found very effective and cheap. Per barrel of about 300 lbs., on cars, \$1.75; 5 bbls. for \$8.00.

We can furnish the following well-known and valuable Fertilizers: Challenge Corn Grower, Prairie Phosphate, Raiston's Bone Meal and Acid Phosphate, Muriate of Potash, Sulphate of Potash, "Kainit."

Prices given on application.

**CRUSHED OYSTER SHELLS**—Manufactured from good, clean shells. All poultrymen use it. 20 lbs., 30c.; 100 lbs., \$1.; 200 lbs., \$1.50

**COARSE GROUND BONE**—About the size of wheat or cracked corn, and should be kept within access of poultry. 25 lbs., \$1.00; 100 lbs., \$2.50; 200 lbs., \$4.75.

**MICA CRYSTAL GRIT**—A nicely granulated rock for poultry, pigeons, ducks and geese. We consider it quite valuable to the poultryman. 25 lbs., 40c.; 100 lbs., \$1.00.

**BOWKER'S PLANT FOOD FOR HOUSE PLANTS**—Perfectly odorless and clean. By express, package 25c.; dozen, \$2.50. By mail, postpaid, box, 40c.

**WALKER'S EXCELSIOR PLANT FOOD**—An odorless and perfectly soluble food for house plants. A lb. box sufficient for 25 ordinary sized plants for one year. Pound, 25c. (by mail, 40c.); doz., \$2.50. (½ lb. package, by mail, 25c.)

Packages of plant foods contain a pamphlet on the treatment of house plants, with directions for applying.

**DOC SOAPS**—Either Spratt's or Glover's, cake, 25c.; by mail, 30c.

**MEDICINE AND FOOD FOR DOGS, BIRDS, ETC.**—Write for what you want.



# INSECTICIDES, FUNGICIDES, ETC. SLUG SHOT.



Non-poisonous; no danger need be apprehended by the person applying it, nor will it injure chickens or animals should they eat it unless in large quantities. It does not render injurious vegetables or fruits on which it is applied, and yet it is probably the best insect destroyer ever offered for the destruction of potato bugs and all worms and insects. It comes ready to be applied, and is simply dusted lightly on so that it reaches all parts of the plants. For further information send for "Fighting Insects in the Garden." Sent free. Our sales of *Slug Shot* double annually. Prices—Barrels, holding 235 lbs. net, 4c. per lb.; 100 lbs., \$4.25; 50 lbs., \$2.25; 10 lbs., 50c.; 5 lbs.; 35c. By mail, postpaid, lb., 30c.; 3½ lbs., \$1.00.

**HAMMOND'S GRAPE DUST**—For the prevention and destruction of mildew on plants. Prices—5 lb. package, 35c.; kegs of 100 lbs., \$5.00. By mail, postpaid, 30c. per lb.

**HAMMOND'S COPPER SOLUTION**—A Concentrated Liquid Fungicide—Prepared ready for immediate use on trees, vines or vegetables affected with rot, blight or scab, with safety to the foliage. This solution can be handled safely by any ordinarily careful person without danger of harm. Put up in quart cans which must be sent by express or freight, at purchaser's expense. Per can, 60c.

**Dusters for Slug Shot or other Powders**—½ gal. size, 30c.; gal. size, 50c.

**TOBACCO DUST**—Very effective, being leaves, not ground stems. Used on cabbage and in vegetable hot houses. Lb., 10c.; by mail, postpaid, 30c. By express, 100 lbs., 50c.; 25 lbs., \$1.00; 100 lbs., \$3.25.

**TOBACCO STEMS**—For fumigating plants infested with green fly, etc. Per lb., 15c.; bbl., \$1.00.

**KENTUCKY EXTRACT OF TOBACCO**—An up-to-date article; one of the best we have ever handled. Pint, 30c.; qt., 50c.; gal., \$1.50; 5 gals., \$5.00. Must go by express or freight at buyer's expense.

**TOBACCO AND SULPHUR**—Destroys rose bugs, lice, cutworms, vine bugs, tomato worms, currant worms, cabbage lice and parasites of all descriptions. Should be applied when the foliage is wet. Also a most complete fertilizer for plants and vines. Mix thoroughly with earth in pots, or in the hill, one part powder to five parts earth. Easy to apply, and will not burn or injure the plants. Makes dark green foliage and healthy, vigorous growth. Earthworms will not live where it is used. ½ lb., 15c.; lb., 25c.; 2 lbs., 45c.; 5 lbs., \$1.00. If to go by mail, 16c. per lb. must be added.

**BORDEAUX MIXTURE**—For black rot, downy mildew and anthracnose of grapes, potato blight, potato rot, leaf blight of cherry, pear, quince, and other fungus diseases. 20-lb. pkg. (50 gals. wash), \$1.00.

**PYRETHRUM, PERSIAN INSECT POWDER, or BUHACH**—Very destructive to all kinds of insects, such as roaches, ants, fleas and other insects on plants and animals. A very little will do the desired work. Oz., 10c.; ¼ lb., 20c.; lb., 50c. By mail, 16c. per lb. extra.

**WHALE OIL SOAP**—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price—15c. per lb.; 2 lbs., 25c. By mail, add 16c. per lb. for postage.

**FIR TREE OIL SOAP**—A most excellent insecticide for greenhouses and house plants. ½ lb. tins, 25c. (by mail, 30c.); 2 lbs., 75c. (by mail, \$1.00); 5 lbs., \$1.75; 10 lbs., \$3.25; 20 lbs., \$6.00, by express or freight at buyer's expense.

**PARIS GREEN**—¼ lb. 15c.; ½ lb. 20c.; lb. 30c. By mail 16c. extra.

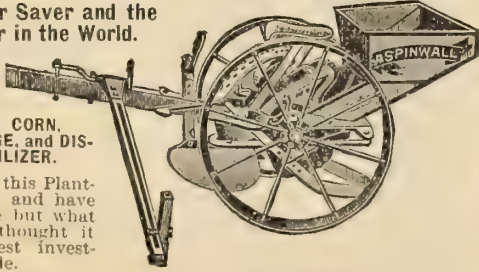
**HELLEBORE, POWDERED WHITE**—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits and vegetables are nearly ripe. ¼ lb., 15c.; lb., 40c. By mail, 16c. extra.

# ASPINWALL POTATO MACHINERY.

## ASPINWALL POTATO PLANTER.

A Great Labor Saver and the Best Planter in the World.

6 to 8 Acres Planted per Day, in one operation Absolutely Guaranteed. PLANTS CORN, BEANS, ENSILAGE, and DISTRIBUTERS FERTILIZER.



We have sold this Planter for 8 years and have never sold one but what the customer thought it one of the best investments ever made.

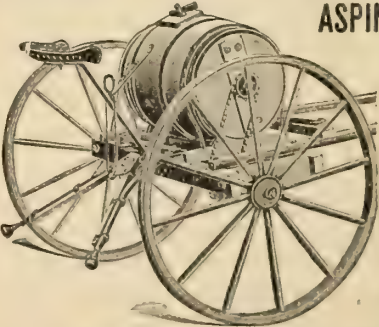
**WITH DISC COVERERS.** This machine is intended for those growers who prefer to ridge up high and plant quite deep.

The Disc Coverer can be attached to any Aspinwall Potato Planter made within the past seven years.

**WITH FERTILIZER ATTACHMENT.** It distributes from 200 to 1500 lbs. to the acre, and deposits the fertilizer just where needed.

WE ARE EXCLUSIVE AGENTS FOR CENTRAL OHIO. We are prepared to make SPECIAL PRICES and Easy Terms. If you even think you ought to have a Planter or other Machines, WRITE US.

## ASPINWALL SPRINKLER FOR PARIS GREEN.



This machine applies Paris Green, London Purple and Bordeaux Mixture (to prevent blight) to the potato vines, and two rows from 20 inches to 3 feet apart can be sprinkled at a time and 10 to 15 acres covered in a day.

On Cars Here, \$25.00.

## ASPINWALL POTATO CUTTER.

A most convenient, handy and valuable little machine. It cuts the potatoes, divides the eyes and removes the seed ends. On Cars Here, \$10.00.

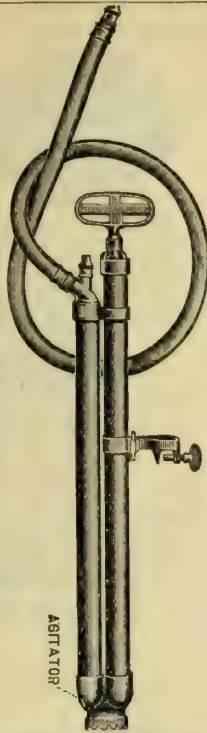




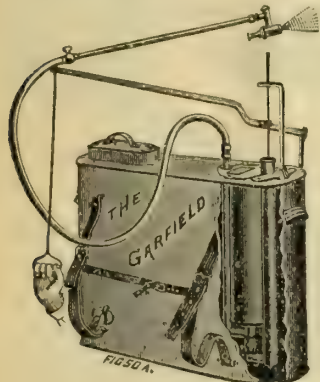
**SPRAYING OUTFITS.**

**MYER'S BUCKET BRASS SPRAY PUMP**—With Agitator, complete with hose. Combination Fine and Coarse Spray and Solid Stream Nozzle. This Spray Pump is constructed of brass, and is not effected by the poisonous arsenites used for spraying. It is arranged so that the heavy work is done on the down stroke of the plunger and nothing on the up. It is thus very easy to operate, and has extraordinary power. Will throw a solid stream 50 feet and is of unusual value for washing windows etc. For spraying it is arranged so that it discharges a fine jet in bottom of bucket to keep the solution thoroughly mixed and agitated. The pump is provided with a combination nozzle, and also with a sprinkler for flowers, and will throw a spray as fine as mist, or as coarse as required. **Price**—Complete, \$5.00.

**HOWE SPRAYING MACHINE**—One of the best machines on the market to-day for the money. It is a very strong and durable force pump with nickel-plated brass cylinder 3 3/4 inches in diameter, attached to a strong 30 gal. cask mounted on a light two-wheel carriage. Nicely balanced; one person can wheel and handle it. **Price**—With 5-foot discharge hose, one nozzle with spray and fire tips, \$15.00.



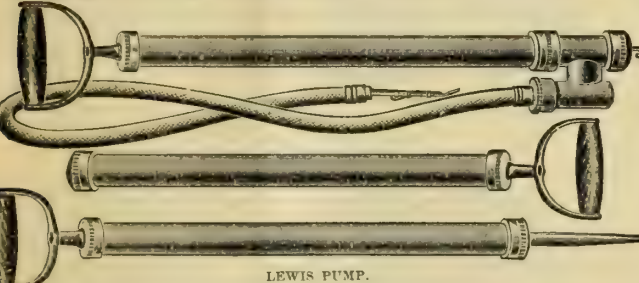
MYER'S BUCKET SPRAY PUMP



**Garfield Knapsack Sprayer**—Made entirely of brass and copper. The tank holds five gallons, has brass pipe 15 inches long and Combination Vermorel Spray Nozzle attached, \$10.50.

**VERMOREL SPRAY NOZZLE**—(postpaid), \$1.25.

**LEWIS COMBINATION FORCE PUMP**, Agricultural and Veterinary syringe all combined. Works perfectly. Only \$5.00.



LEWIS PUMP.

We can also supply Hose, Brass Pipe, Couplings, etc., at market prices; also some other Pumps, Sprayers, etc., at regular prices. **BRASS GREENHOUSE AND GARDEN SYRINGES**—Useful for all horticultural purposes, and are fitted with caps for roses, for ejecting water in one stream or dispersing



it in the most gentle manner, or with great force, when required. Specially adapted for cleansing plants and flowers from those destructive insects which are so injurious to them, by means of whale oil soap, tobacco juice, etc. Strongly made from the best quality of brass, finely polished, elegant appearance, not liable to dent or injury, and if properly cared for will last a lifetime. **Sent only by express at expense of the purchaser.**

**One Stream and One Spray Nozzle.**—**Letter A**—Unpolished, \$1.50. **Letter B**—\$2.50. **Letter C**—\$3.25. **Letter G**—(New Sample)—A cheap syringe with Angle Joint will do the work of a more expensive syringe. Open rose syringe, barrel 16 inches by 1 1/2 inch in diameter. One spray and one stream rose, side attachment and fixed elbow joint. The fixed elbow joint can be detached from the end of the barrel at will, and the syringe used in the ordinary way. \$4.50. **Letter H**—Cheap, new, all brass 18 x 1 1/2 inch.; strong, durable, fills quick, discharges perfectly. \$2.00. **Letter K**—Size smaller. \$1.50.

**PLANT BED CLOTH.**

**A PROTECTING CLOTH OF water-proof fiber;** an excellent substitute for glass in forwarding all kinds of plants in the early spring; safer, as it protects at night, and the plants will not burn if the sash is left on in hot weather. Being light and portable it can be sent in sections where it would be difficult to get sash. We sell thousands of yards of this cloth annually, and customers are well pleased with it. All pieces are a yard wide and contain from 40 to 60 yards each.



**Prices**—*Heavy Grade*, per yard, 12c.; *by the piece*, per yard, 10c.; *Medium Grade* (best for general purposes), per yard, 10c.; *by the piece*, per yard, 8c.; *Light Grade*, per yard, 5c.; *by the piece*, per yard, 4c.

**Mail Prices**—Customers at a distance who wish to try a few yards can have it **sent by mail, postpaid**, as follows: *Light*, 8c. per yard. *Medium*, 15c. per yard. *Heavy*, 21c. per yard. Samples mailed free on application.

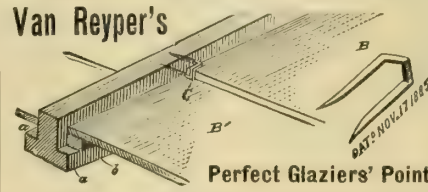
**RAFFIA. IMPORTED. BEST GRADE.** Gives better satisfaction than anything else for tying plants, asparagus bunches, etc. Light, neat, strong, durable and very cheap. lb., 25c.; 10 lbs., 20c.

**White Cotton Twine.** For tying Herbs, Radishes, Beets, Celery, Onions, Salsify, etc. Pound, 20c.

**JUTE.** For tying Vegetables, etc. Pound, 15c. (Twine, Jute and Raffia sent by mail, add 15c. per pound postage.)

**GARDEN LINES**—100 feet Braided Linen, 40c. Cotton, 25c.

**Van Reyper's**



Perfect Glaziers' Points

These are made of steel wire and galvanized, having double points and lap over the glass in such a manner as to positively keep it from sliding. They may be used on either side of the sash bar, thus preventing the annoyance of rights

and lefts.

Per box of 1,000.....\$0 60  
Lots of 5,000 and over, per box..... 55  
Pinchers for driving..... 50

If wanted by mail send 14c. per box of Points or per pair of Pinchers, extra for postage.

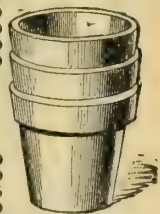
**BUSHEL BASKETS**—Standard bushel size, strong and durable. Dozen, \$1.50; each, 20c. Must be sent by freight.

**LABELS. Painted Pot Labels.** Best made. Put up in packages of 1,000 each.

| Size         | Per 1000 | Size            | Per 1000 | Size                   | Per 1000 |
|--------------|----------|-----------------|----------|------------------------|----------|
| 3 inch.....  | \$0 45   | 4 1/2 inch..... | \$0 70   | 8 x 7/8 in. (500 pkg.) | \$2.50   |
| 3 1/2 "..... | 55       | 5 ".....        | 80       | 10 x 1 1/8 "           | 3.50     |
| 4 ".....     | 65       | 6 ".....        | 1 00     | 12 x 1 1/8 "           | 4.75     |

**FLOWER POTS. Must go by Freight.**

|             | Per 100 | Per 500 |
|-------------|---------|---------|
| 2 inch..... | \$0 65  | \$4 00  |
| 3 ".....    | 1 00    | 5 00    |
| 4 ".....    | 1 60    | 7 50    |
| 5 ".....    | 2 75    | 11 00   |
| 6 ".....    | 3 50    | .....   |
| 7 ".....    | 4 50    | .....   |
| 8 ".....    | 9 00    | .....   |



**WIRE—Annealed.**

| No.    | Subject to change. | Per lb., 15c. | 12 lbs., \$1 00 |
|--------|--------------------|---------------|-----------------|
| No. 24 | }                  | 18c.          | " 1 10          |
| No. 26 |                    | 20c.          | " 1 25          |
| No. 28 |                    | 30c.          | " 2 10          |

**Sphagnum.** Fine, clean Sphagnum for florists' use. Give it a trial. (Bales weigh about 40 lbs.) Per bale, \$1.25.

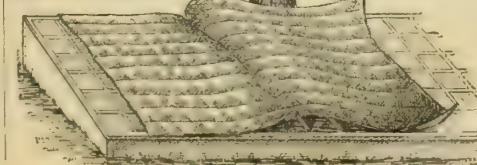
**JADOO. JADOO FIBRE** is a new growing substance for plants of all kinds. Plants make a rapid growth. The health of the plant is denoted by its rich, dark-green foliage. Price, 5 lb. box, 30c.; 10 lb., 50c.; 25 lb., \$1.10; in full bags, about 130 lbs., 2 1/2c. per lb.; per 1/2 ton or over, 1 1/2c. per lb.

**HOT-BED MATS. STRONG BURLAP**

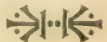
Best, Warmest, Strongest and Cheapest Hot-Bed Cover Made.



Lined with wool and cotton waste and quilted. Warmer than straw, moisture easily handled do not retain moisture, freeze, rot, mildew, or harbor vermin as straw does, and only one-fourth of the cost.



Made in one size only, 76x76 inches. Price, \$1.50; 5 or more \$1.40 each.



At the Prices given below Tools, etc., must go by Freight or Express at the Buyer's Expense, unless Otherwise Noted.



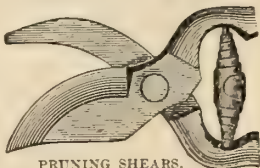
**FUMIGATOR.** Made of Best Galvanized Iron.  
 For House 10 x 20 feet..... \$1.25  
 For House 12 x 40 feet..... 1.50  
 For House 15 x 100 feet..... 2.00  
 For House 20 x 100 feet..... 3.50

**PRUNING SHEARS. THE BEST MADE.**  
 Very strong. Best Steel Blades, and an excellent spring.

Two Sizes.  
 Price, 90c and \$1.00.

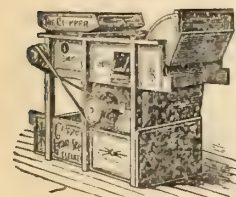
**Pruning Saw and Chisel.**

Combined..... \$1.00



**PRUNING SAW.** { Double edge. 16-in., 60c.; 18-in., 70c.; 20-in., 80c.

**Eureka Fumigator.**  
**TELEGRAPH TREE PRUNER**—No handle, but has threads on the inside of socket, and can be screwed to the end of a pole of any length. \$1.50.  
**EAGLE PRUNING SHEARS**—The well-known two-handle shears. Light and powerful. The best made. No. 1—\$2.50. No 2—\$2.25.



**CLIPPER GRAIN AND SEED CLEANER.**

We have used and sold the Clipper almost constantly for 15 years and pronounce it the best, strongest, and most economical mill made up to date, and yet sells at the same price of any ordinary mill. No. 1, for general use, has 8 sieves (7 zinc); cleans all kinds of grain and seeds..... \$20.00  
 Prices for larger sizes and special purpose Clippers made on application.

Special Price on **ASPINWALL POTATO PLANTERS** given by mail on request.  
**GRASS HOOKS.** Each..... 30c.  
**TURF EDGERS**—For Trimming Edges of Walks—Each..... 75c.  
**HEDGE SHEARS**—Three Sizes..... \$1.50, \$1.75 and \$2.00.



**PRICES OF WATERS' TREE PRUNERS.**  
 4 ft..... \$ .75. 8 ft..... \$1.00  
 6 ft..... .85. 10 ft..... 1.15  
 12 ft..... \$1.25.



**THE BEE WEEDER.**

For the care of Onions, Beets and small Vegetables, Flower Beds and House Plants, by means of which all grass and weeds can be easily removed. Universally recommended by all. Postpaid, 15c.; 2 for 25c.



**LANG'S WEEDER.**

Each..... 20c.  
 Dozen..... \$2.25

**EXCELSIOR WEEDER.** A very useful tool for weeding seed beds, stirring soil in hot-beds, cold frames, etc. By mail, postpaid, 15c. By express, 10c.



**GARDEN DIBBLE.**

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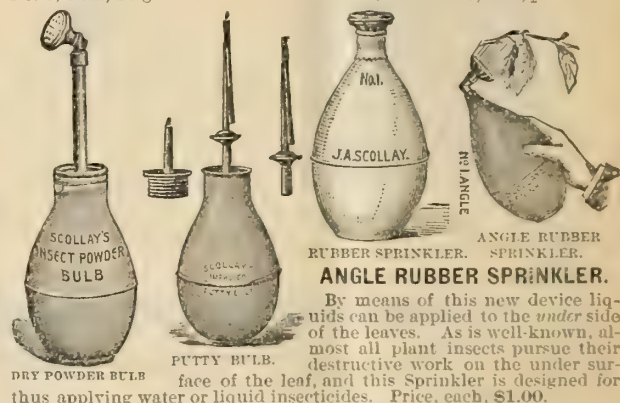
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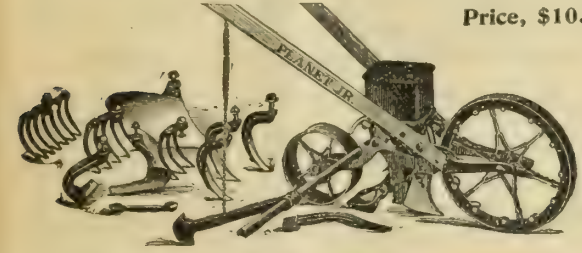
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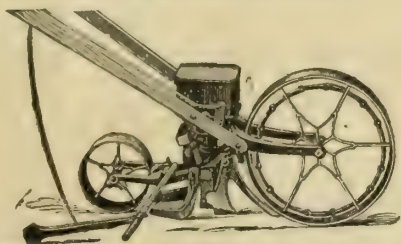
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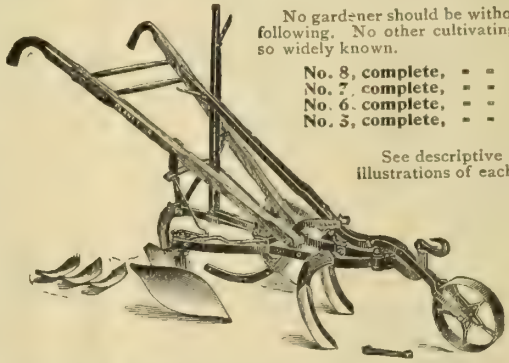
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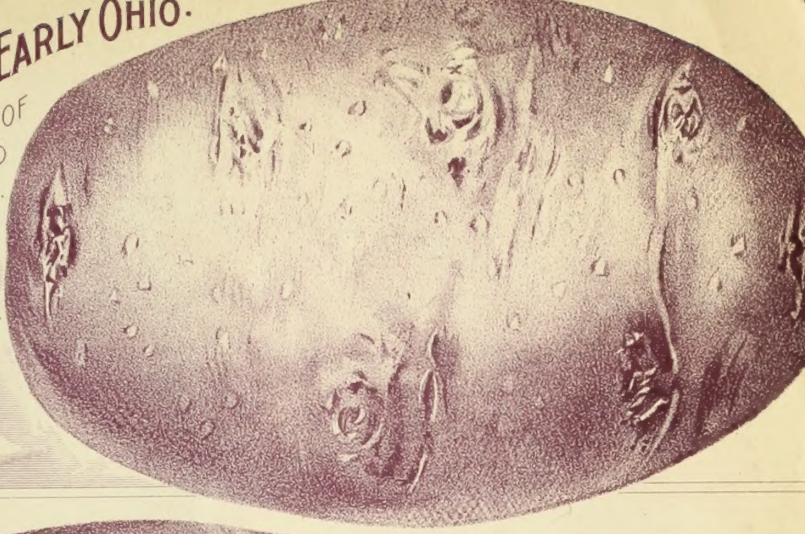
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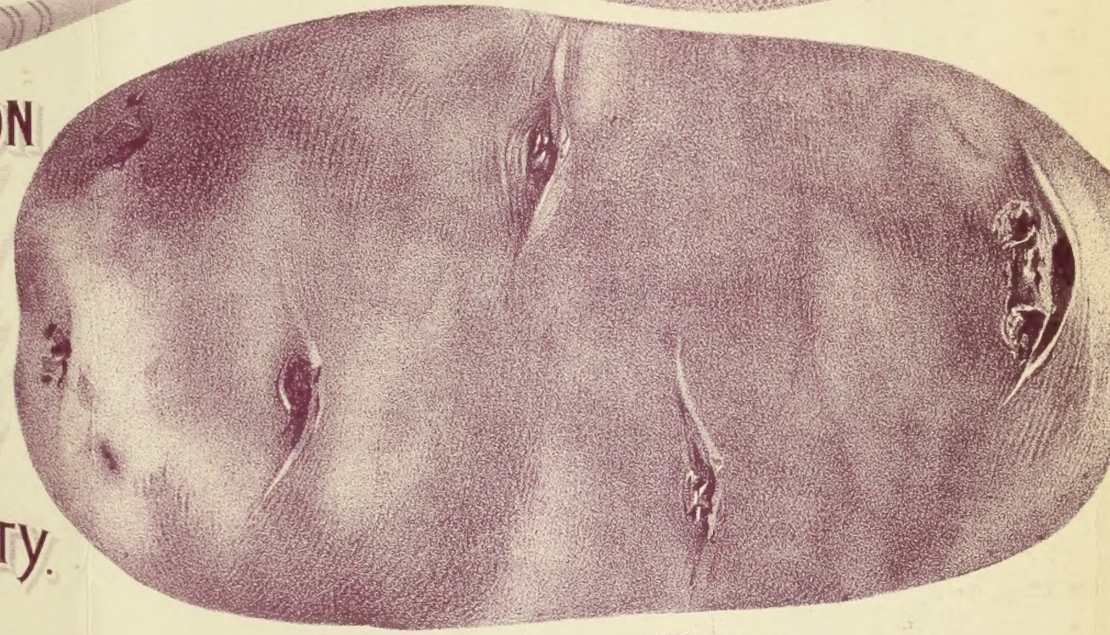
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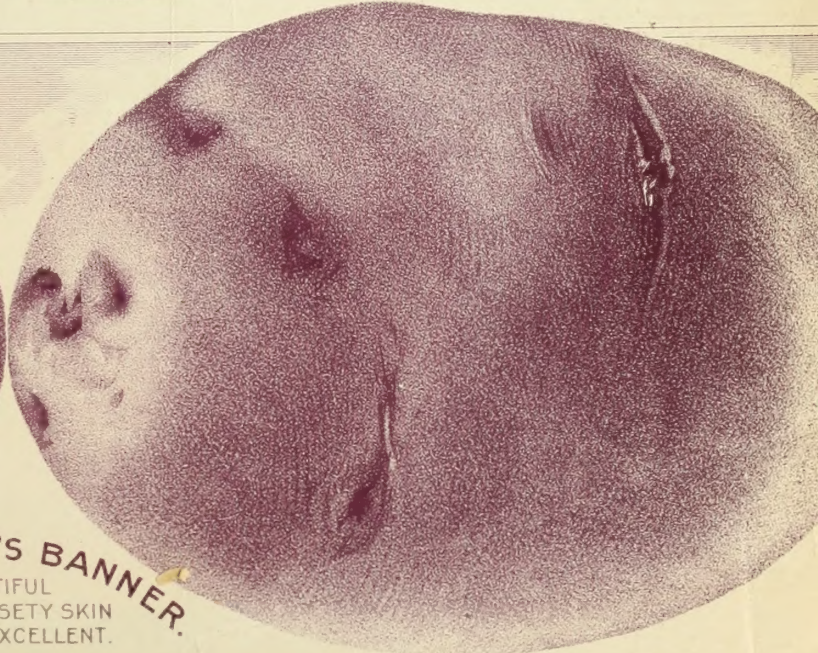


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